FIG. 1

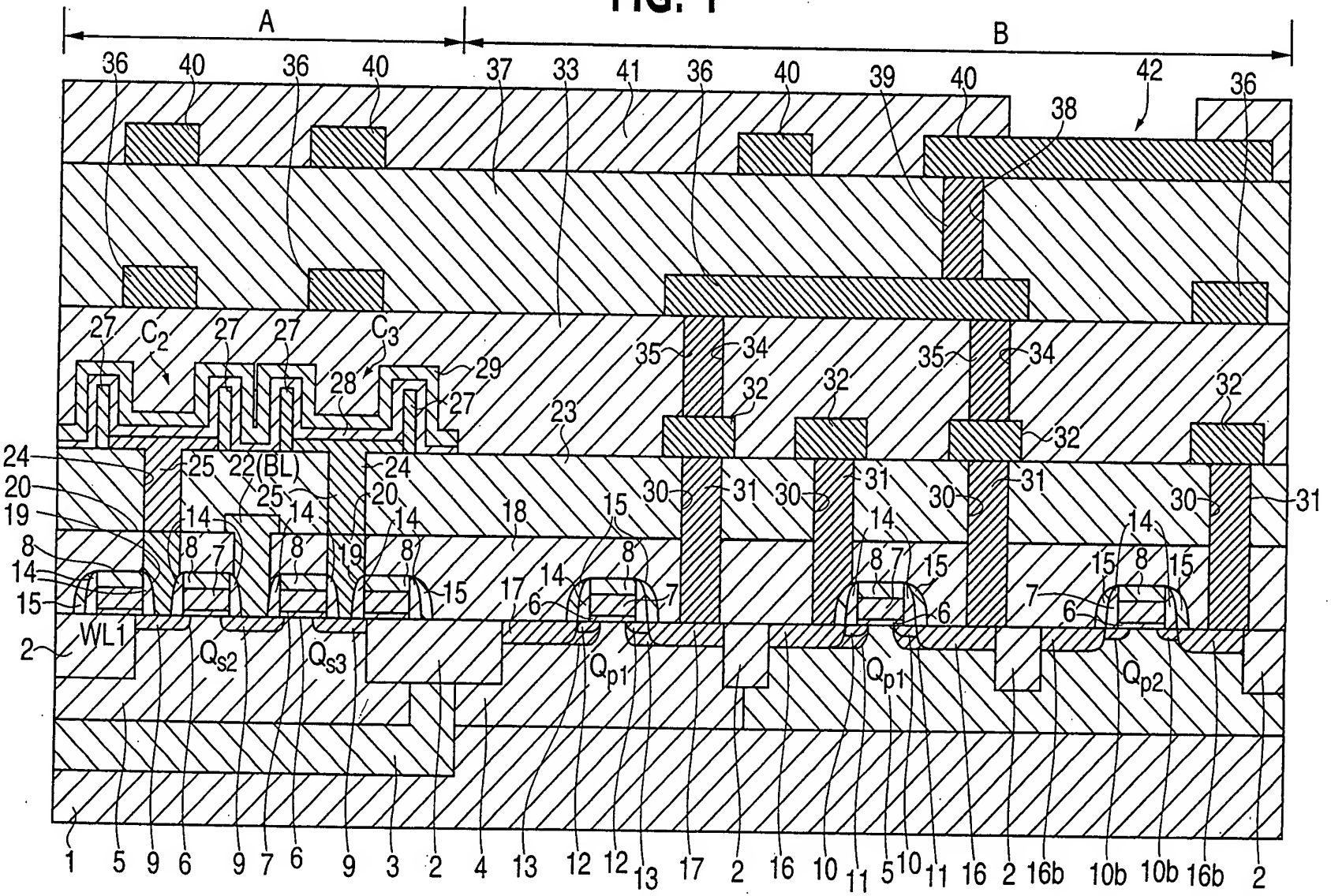


FIG. 2

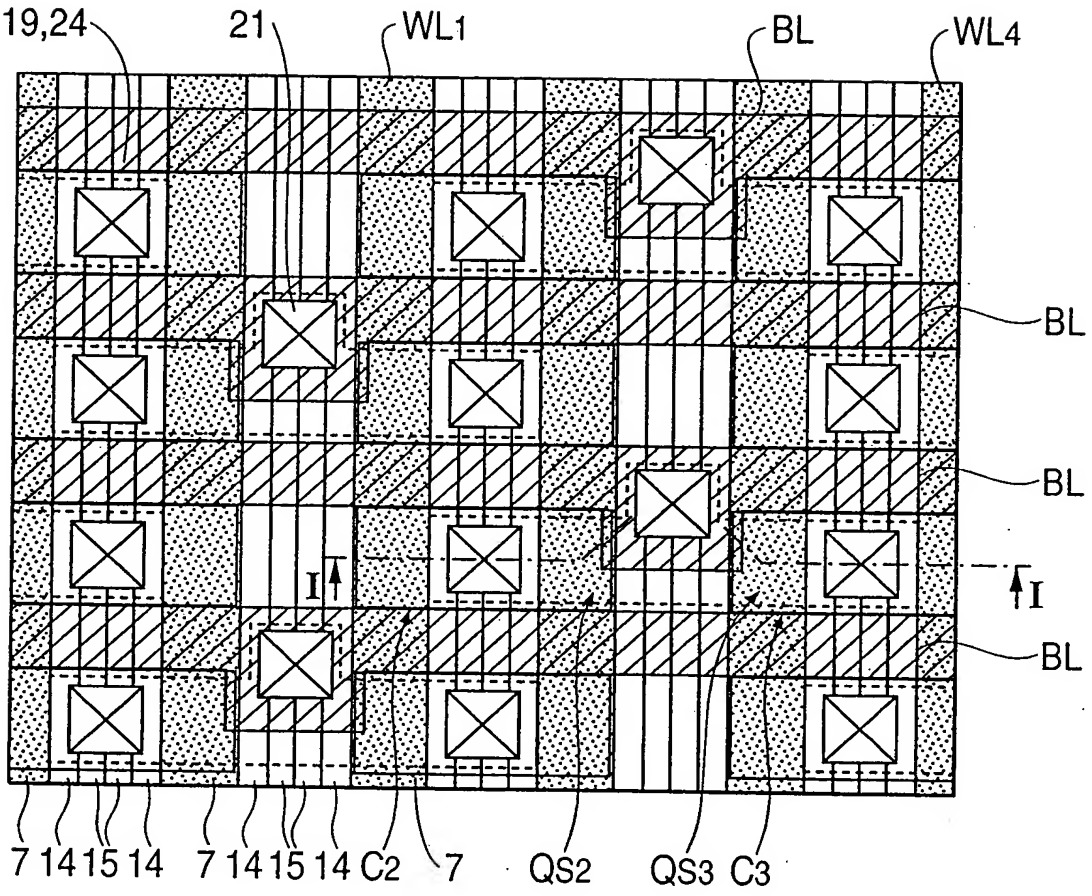


FIG. 3

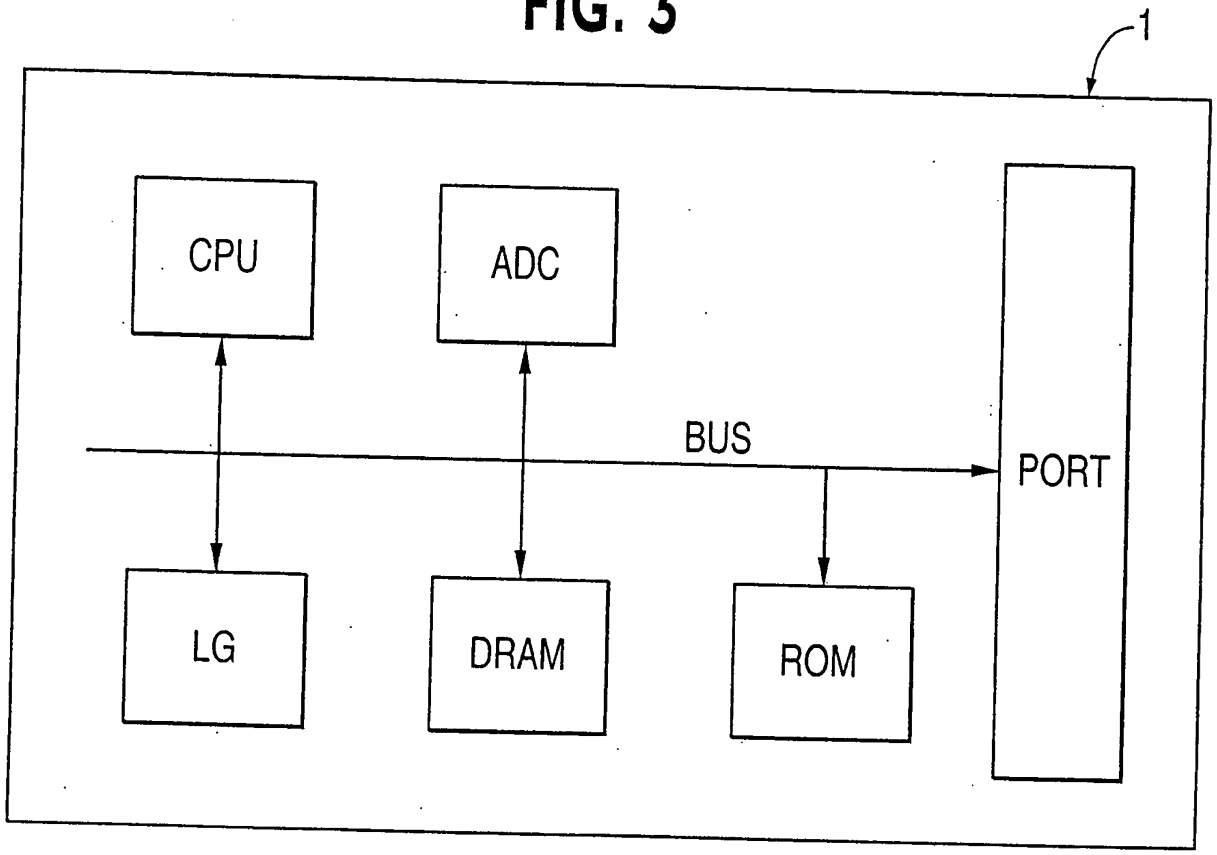
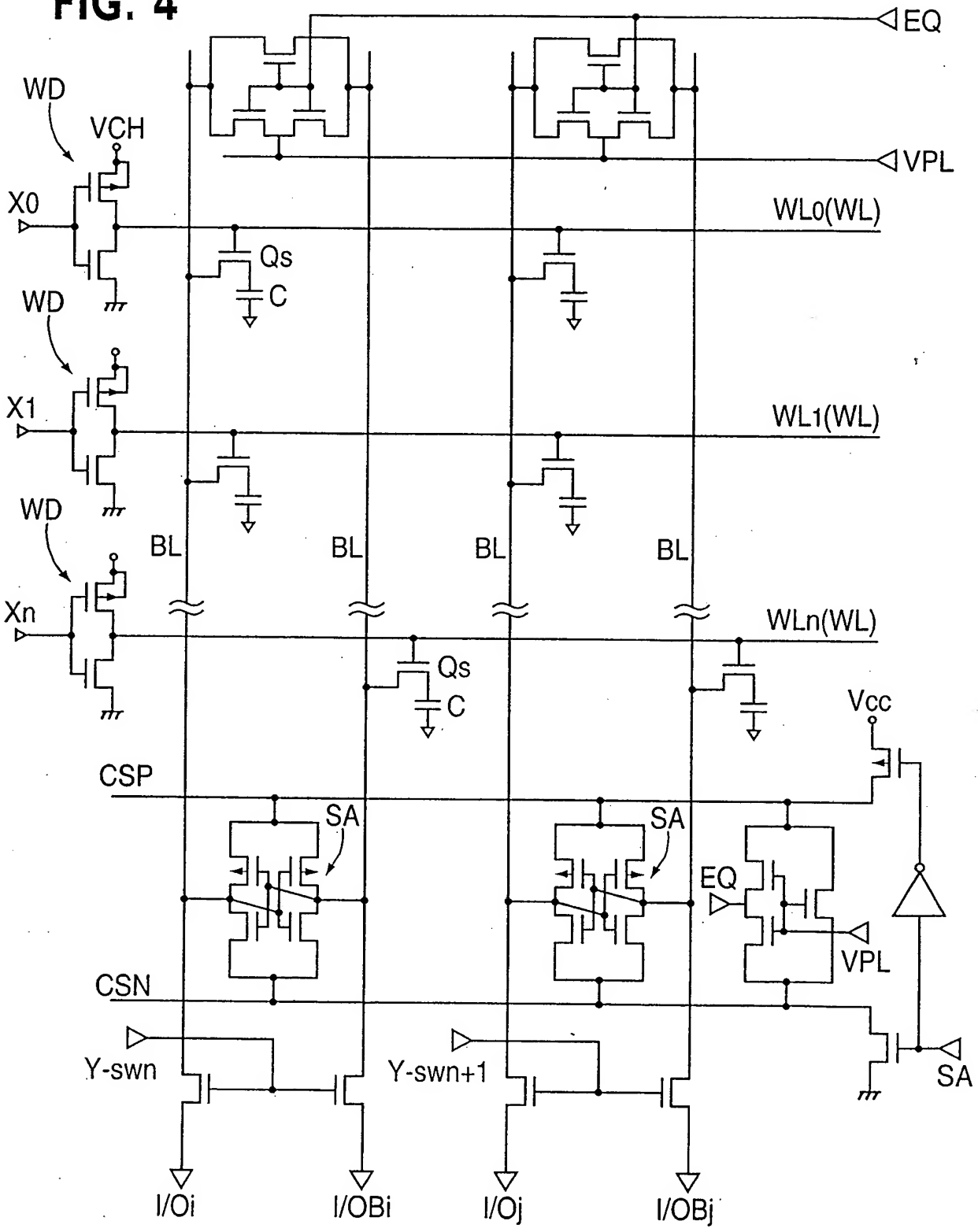


FIG. 4


EQ
VPL
WD
VCH
X0
WL0(WL)
Qs
C
WD
X1
WL1(WL)
WD
BL
BL
BL
BL
Xn
WLn(WL)
Qs
C
Vcc
CSP
SA
SA
EQ
VPL
CSN
Y-swn
Y-swn+1
SA
I/Oi
I/OBi
I/Oj
I/OBj

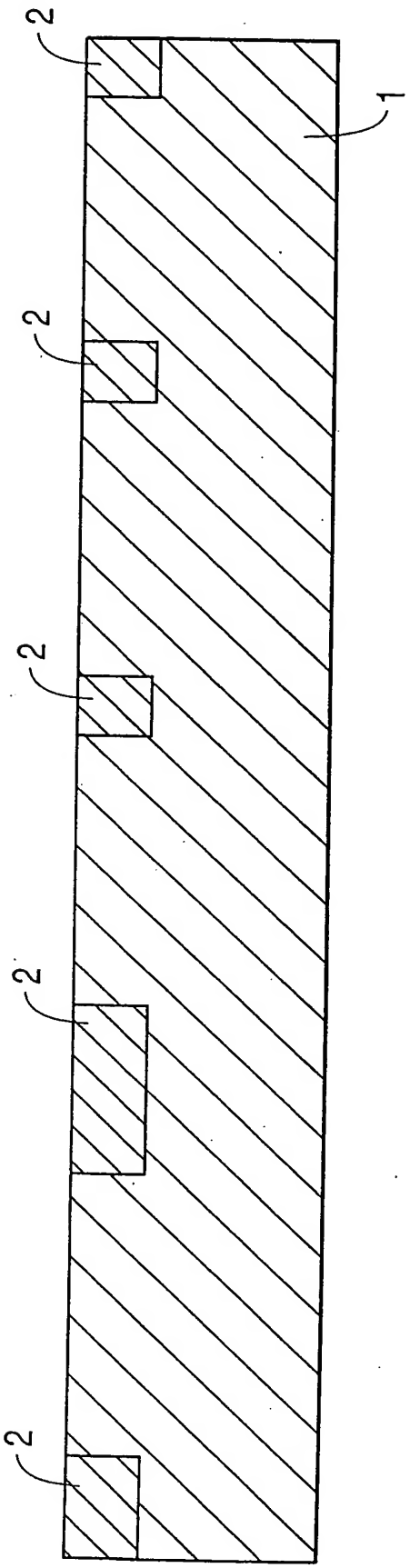


FIG. 5

FIG. 6

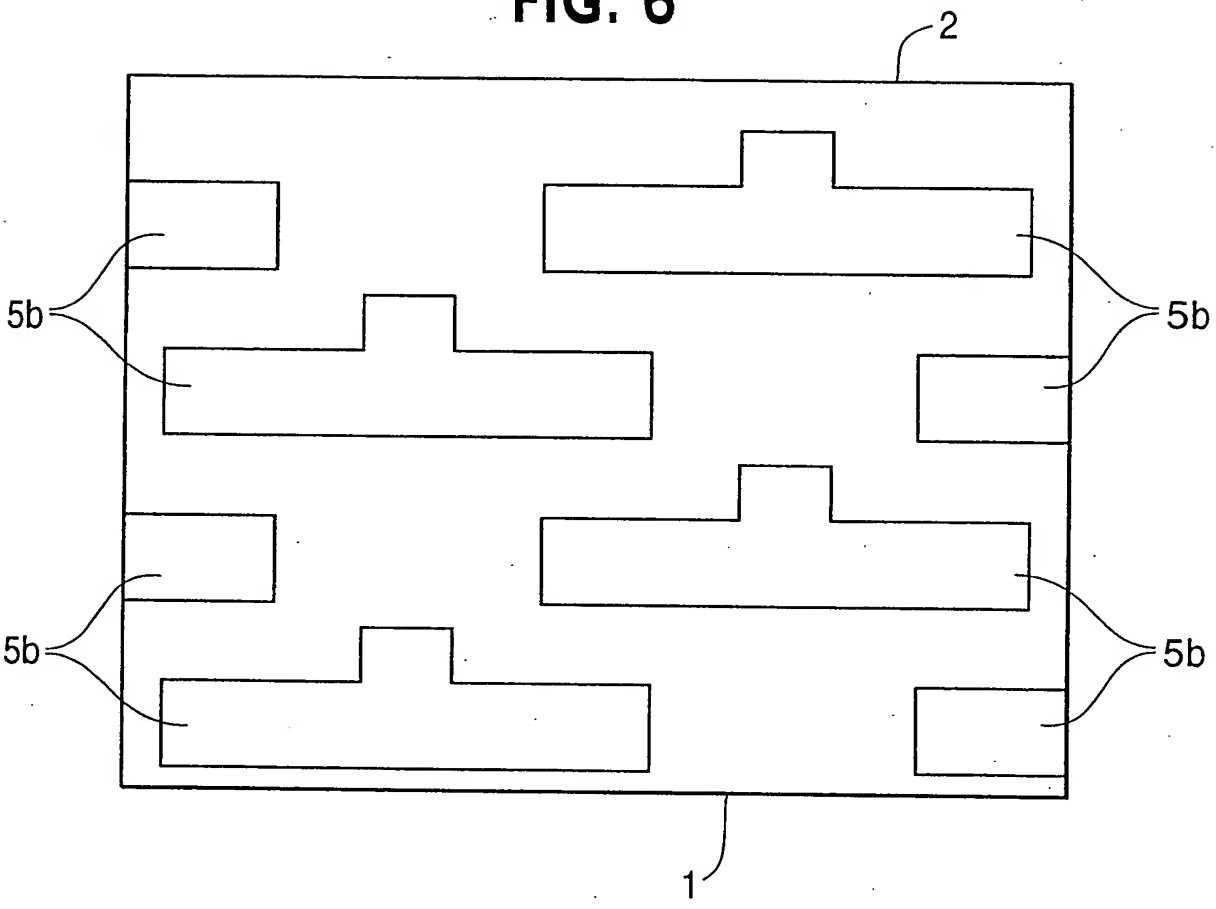


FIG. 7

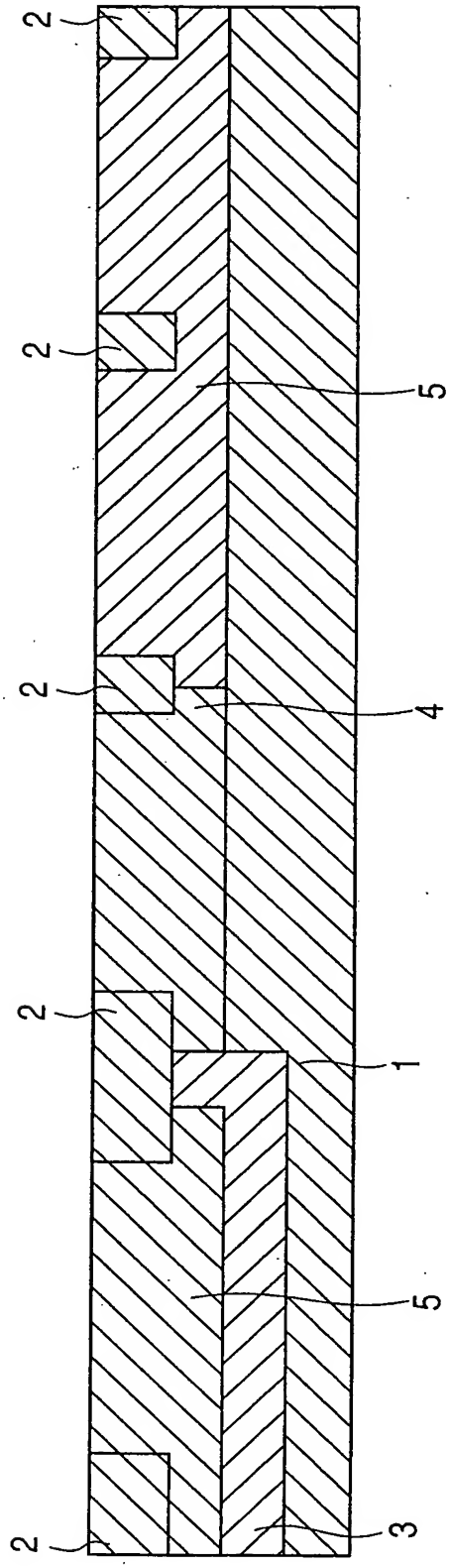


FIG. 8

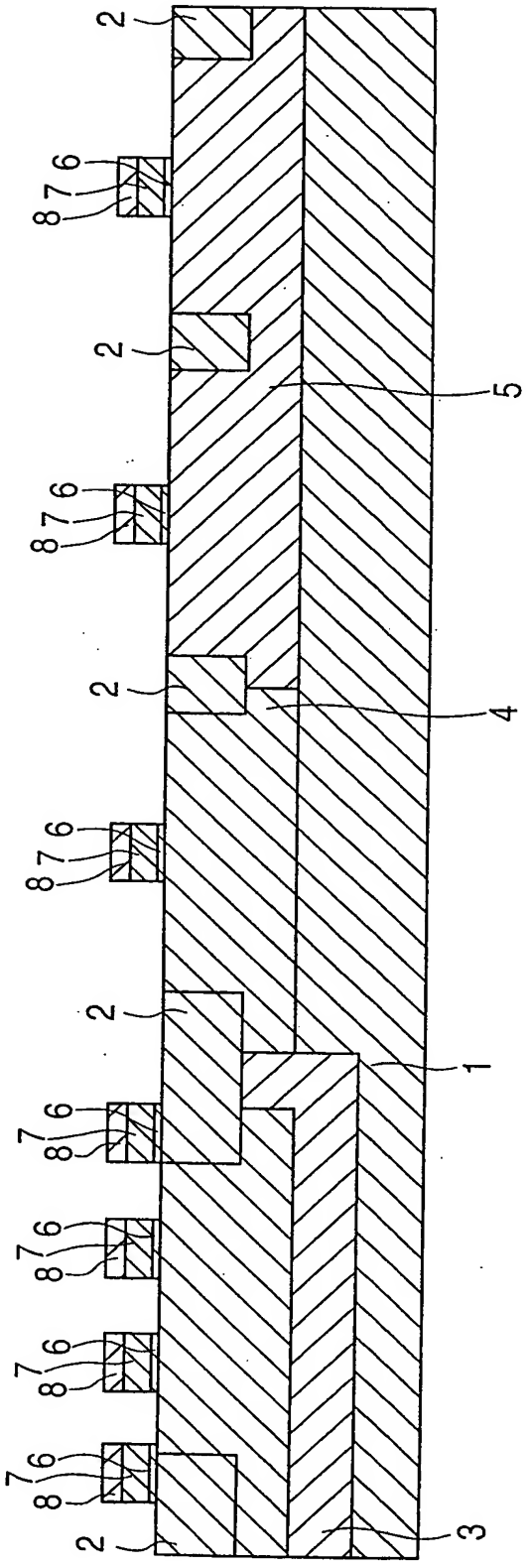


FIG. 9

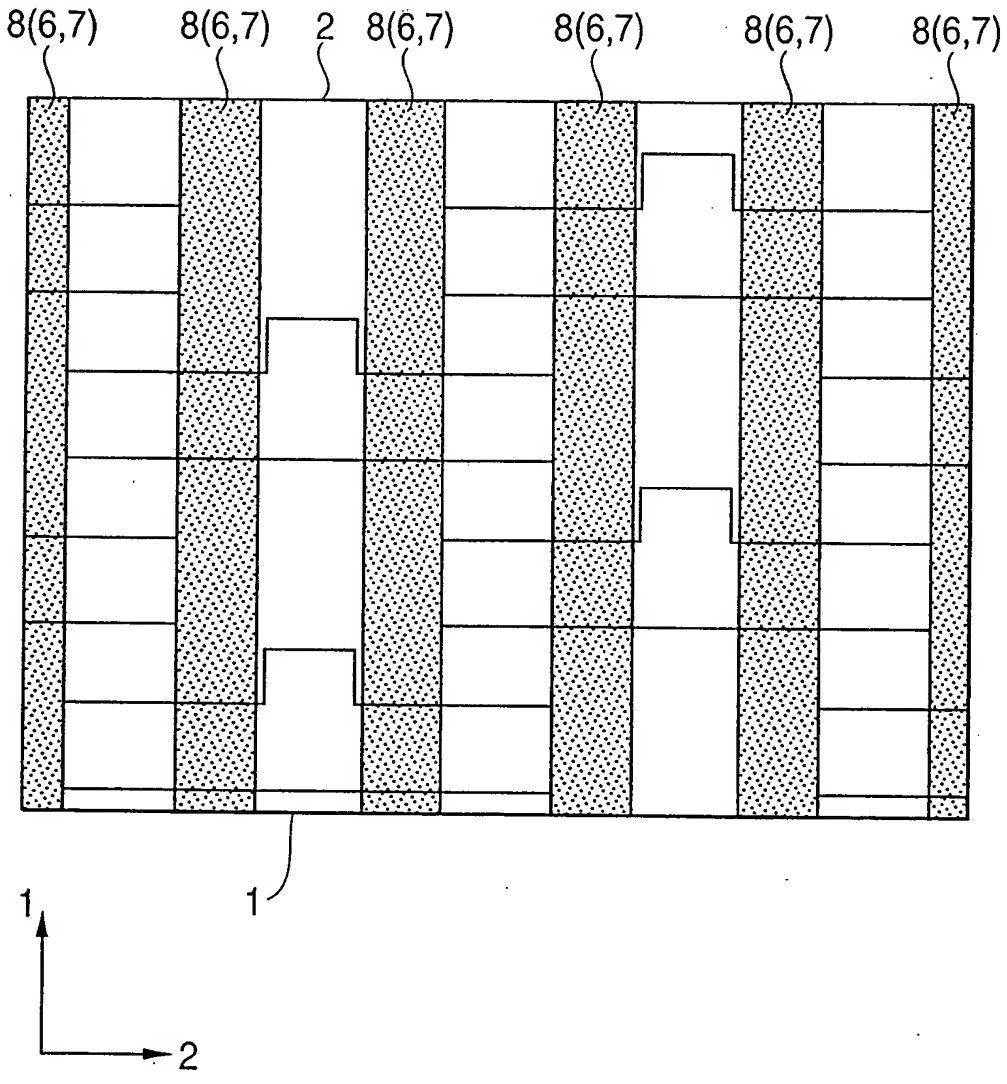
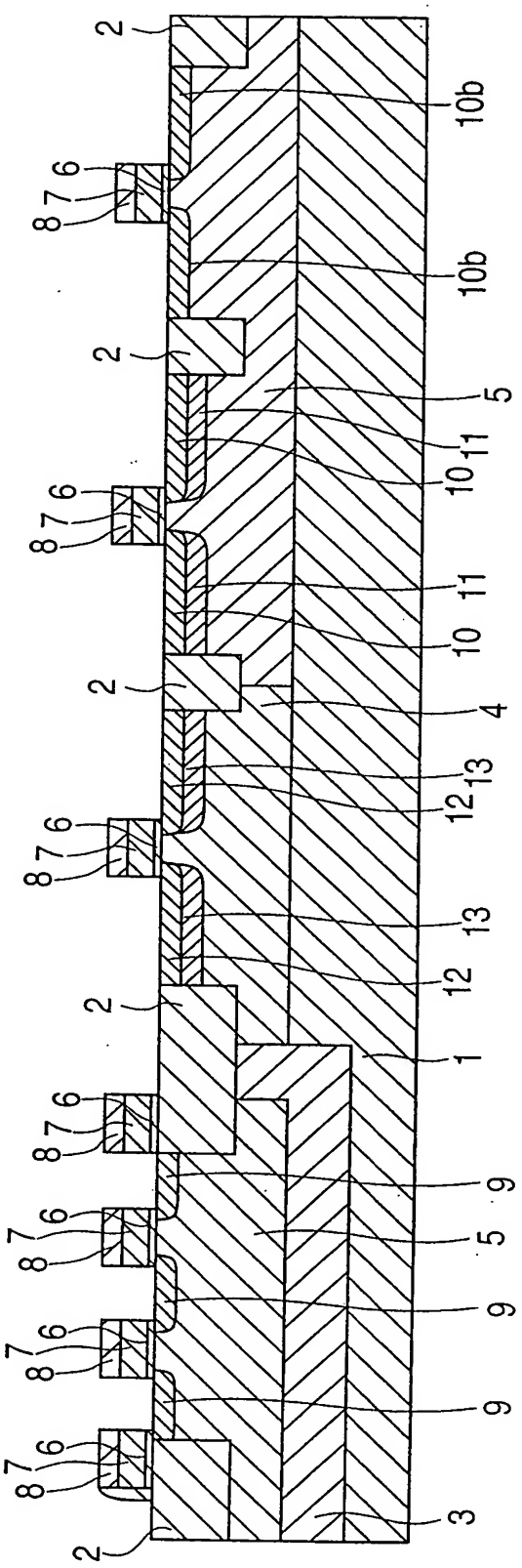


FIG. 10


2
10b
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10b
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6
13
12
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FIG. 11

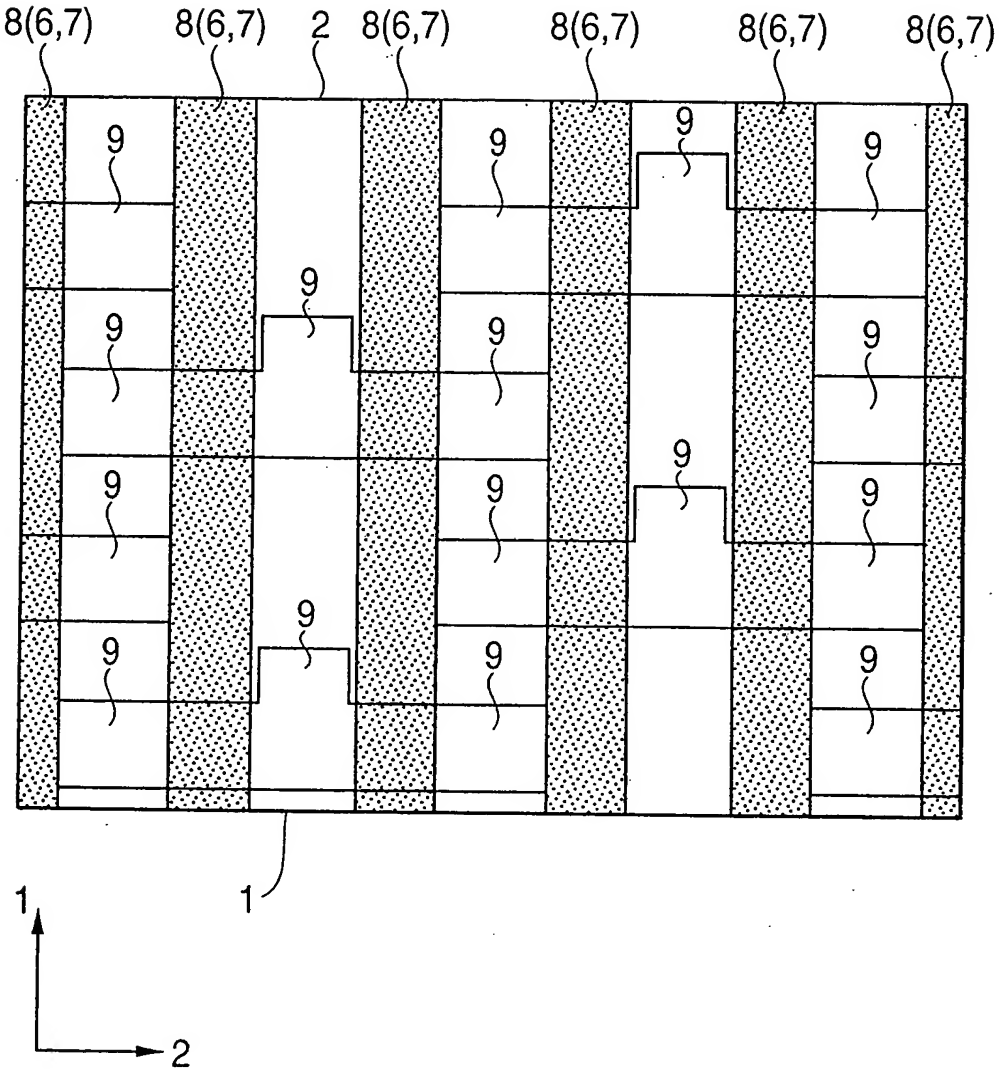


FIG. 12

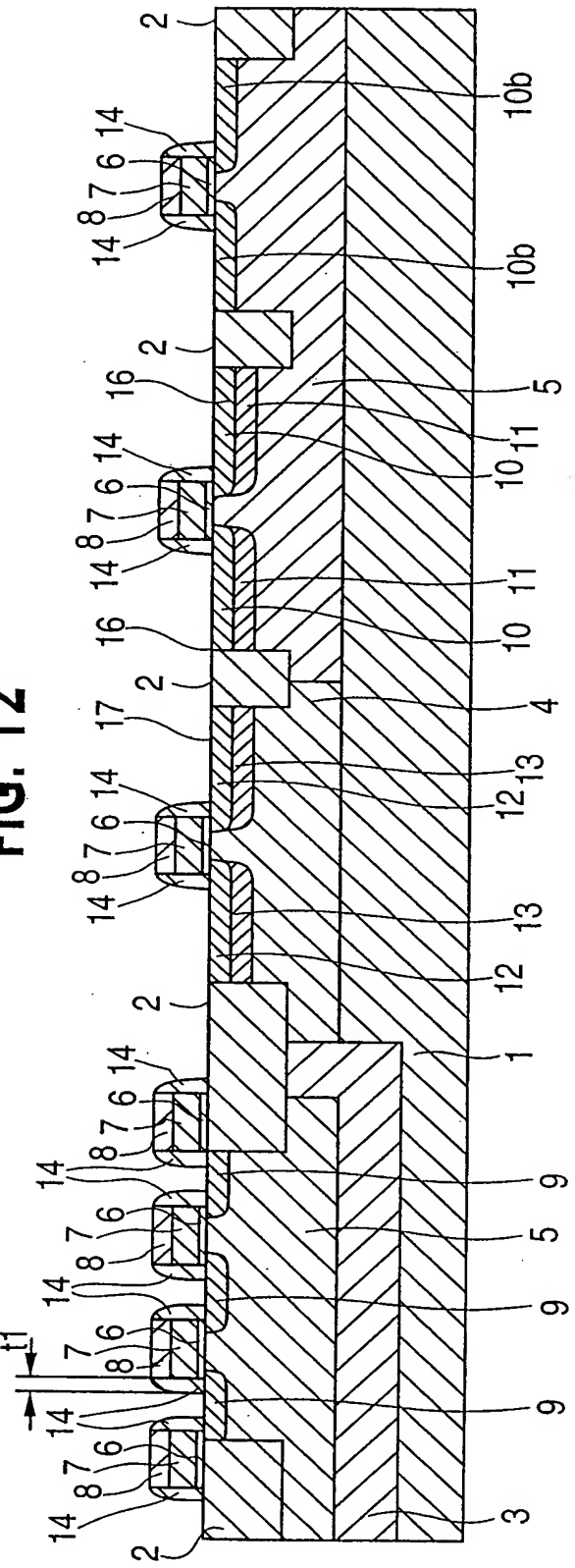


FIG. 13

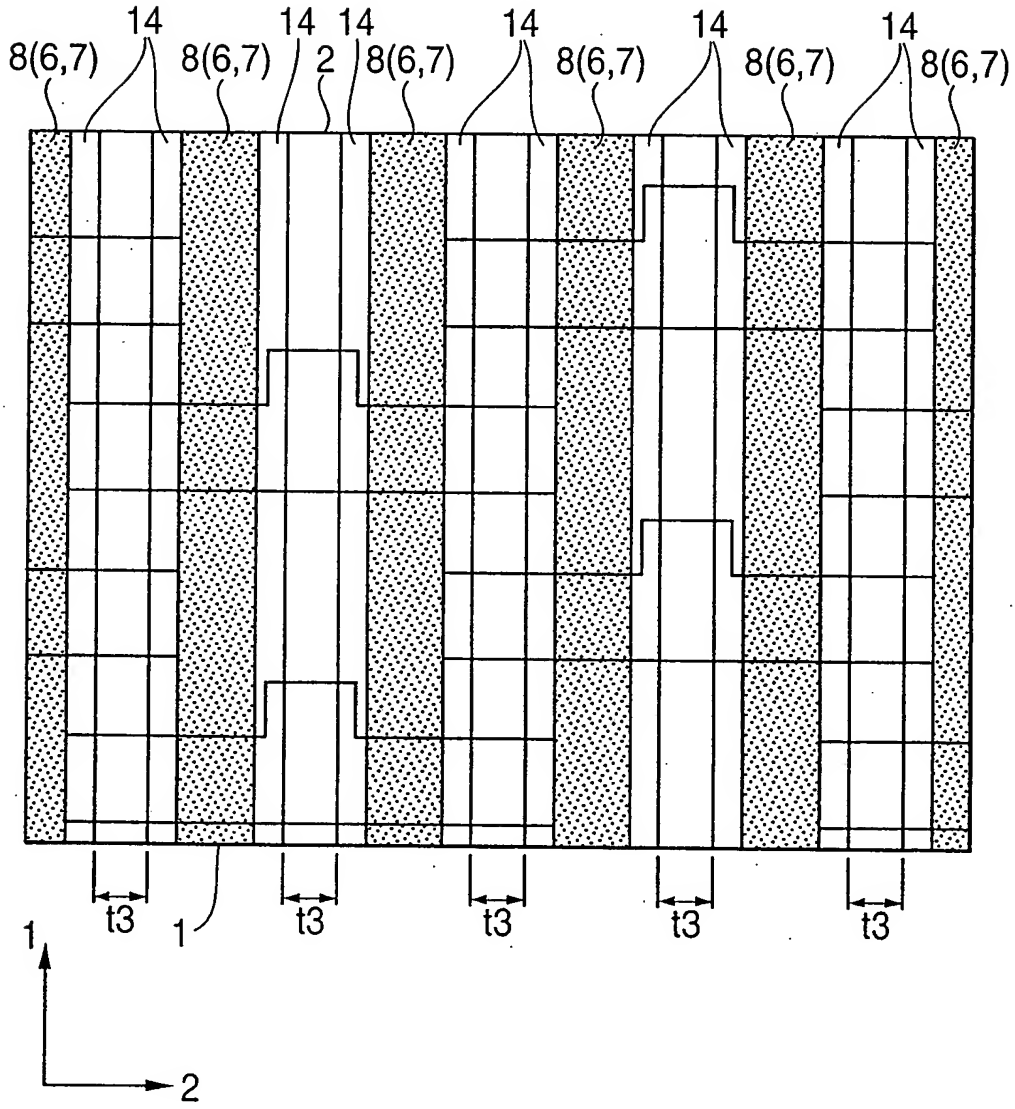


FIG. 14

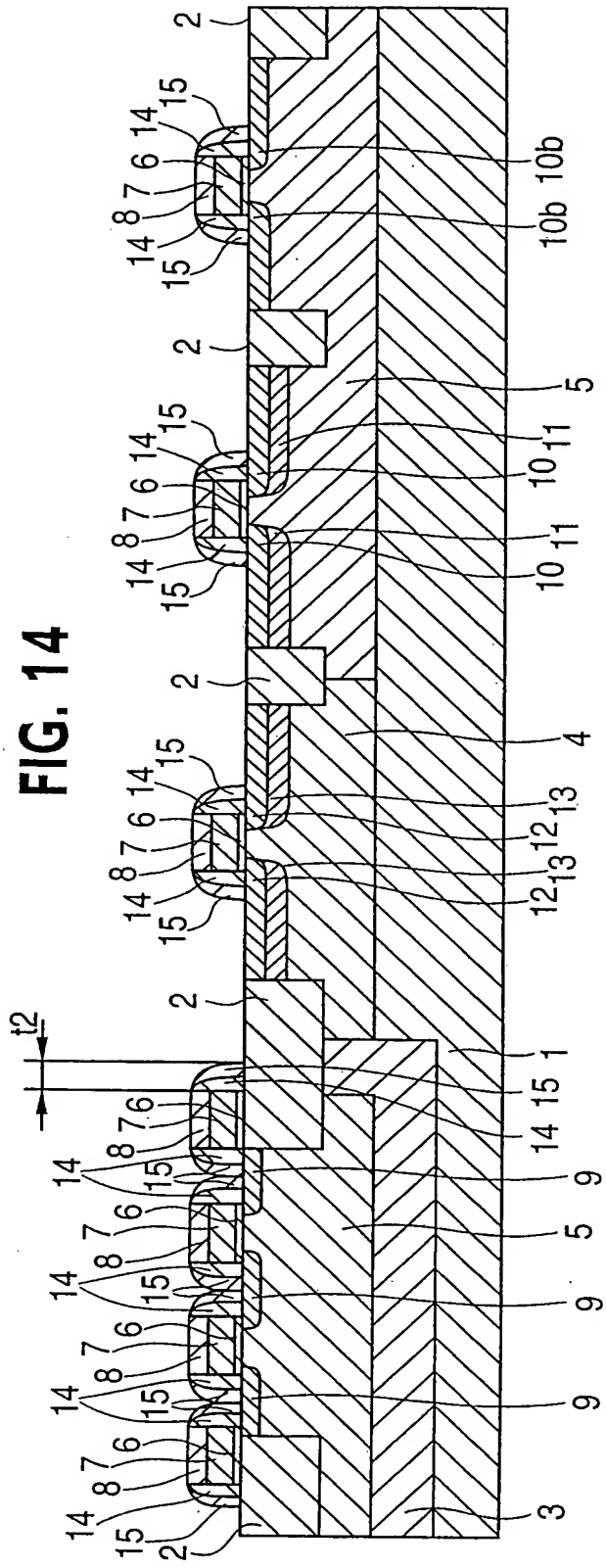


FIG. 15

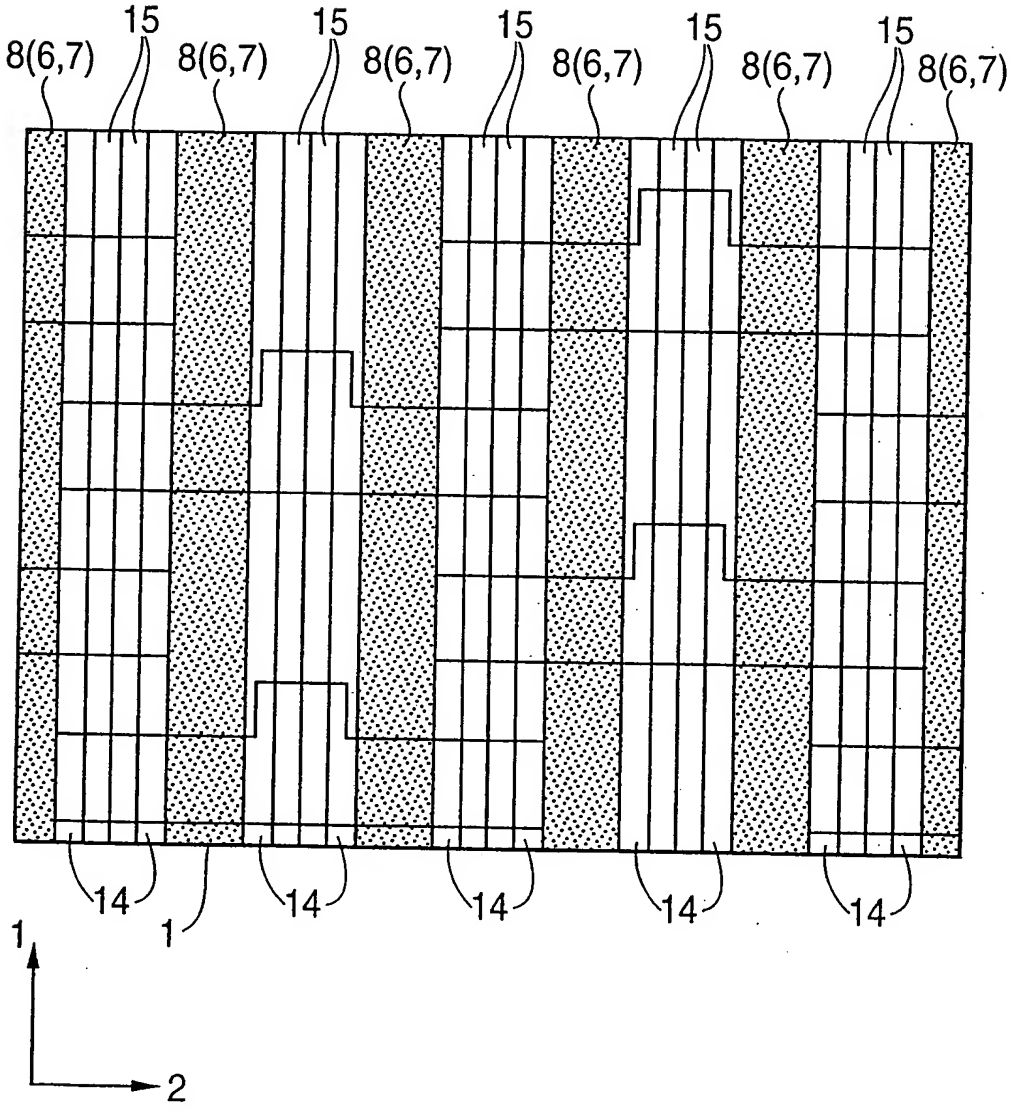


FIG. 16

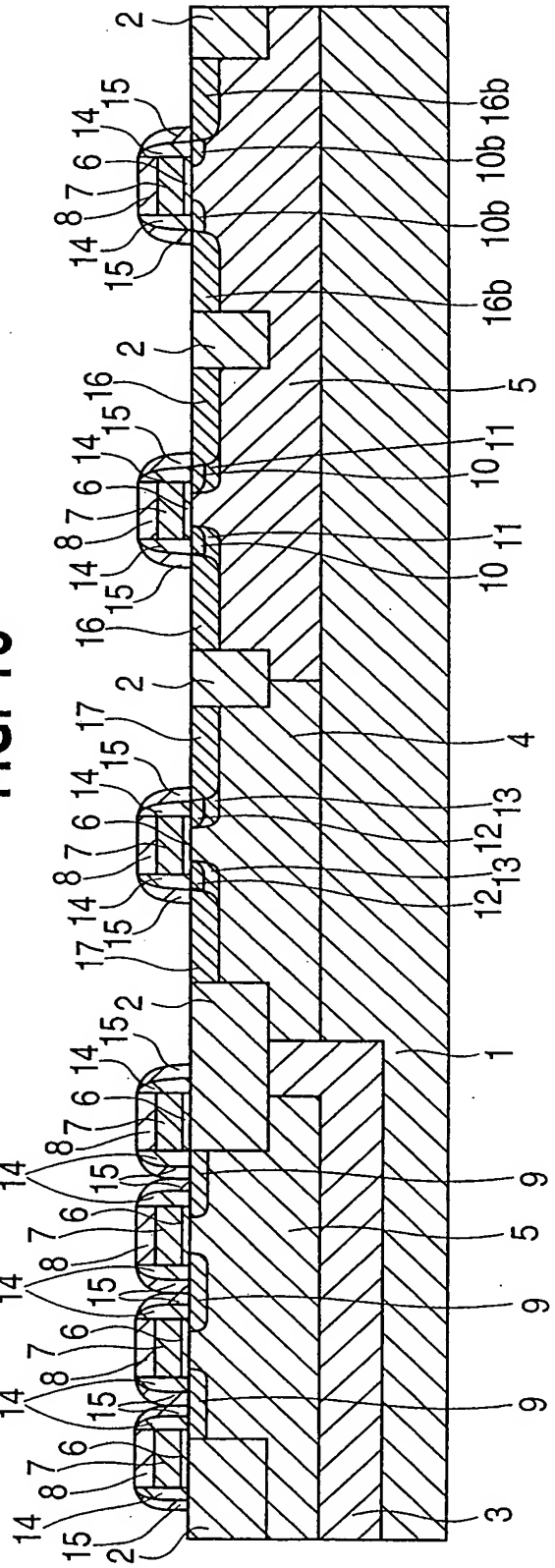


FIG. 17

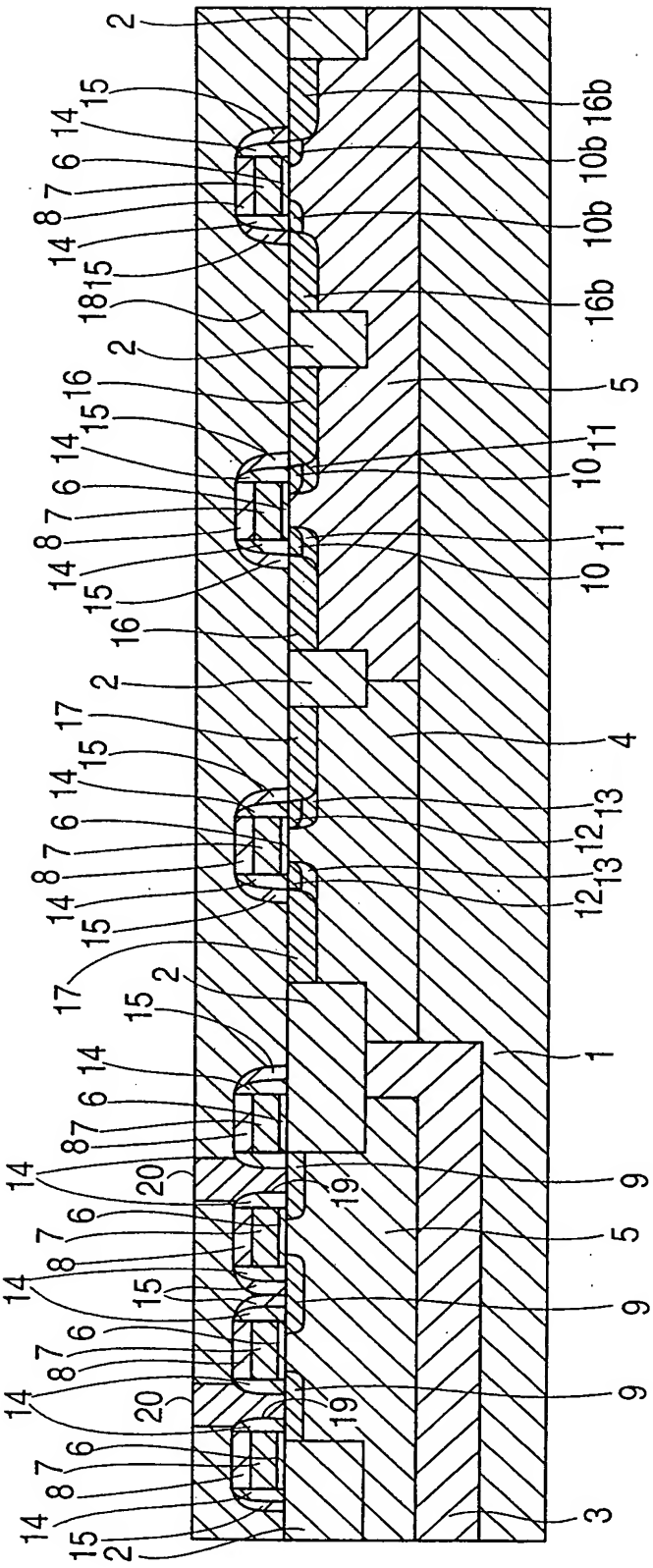
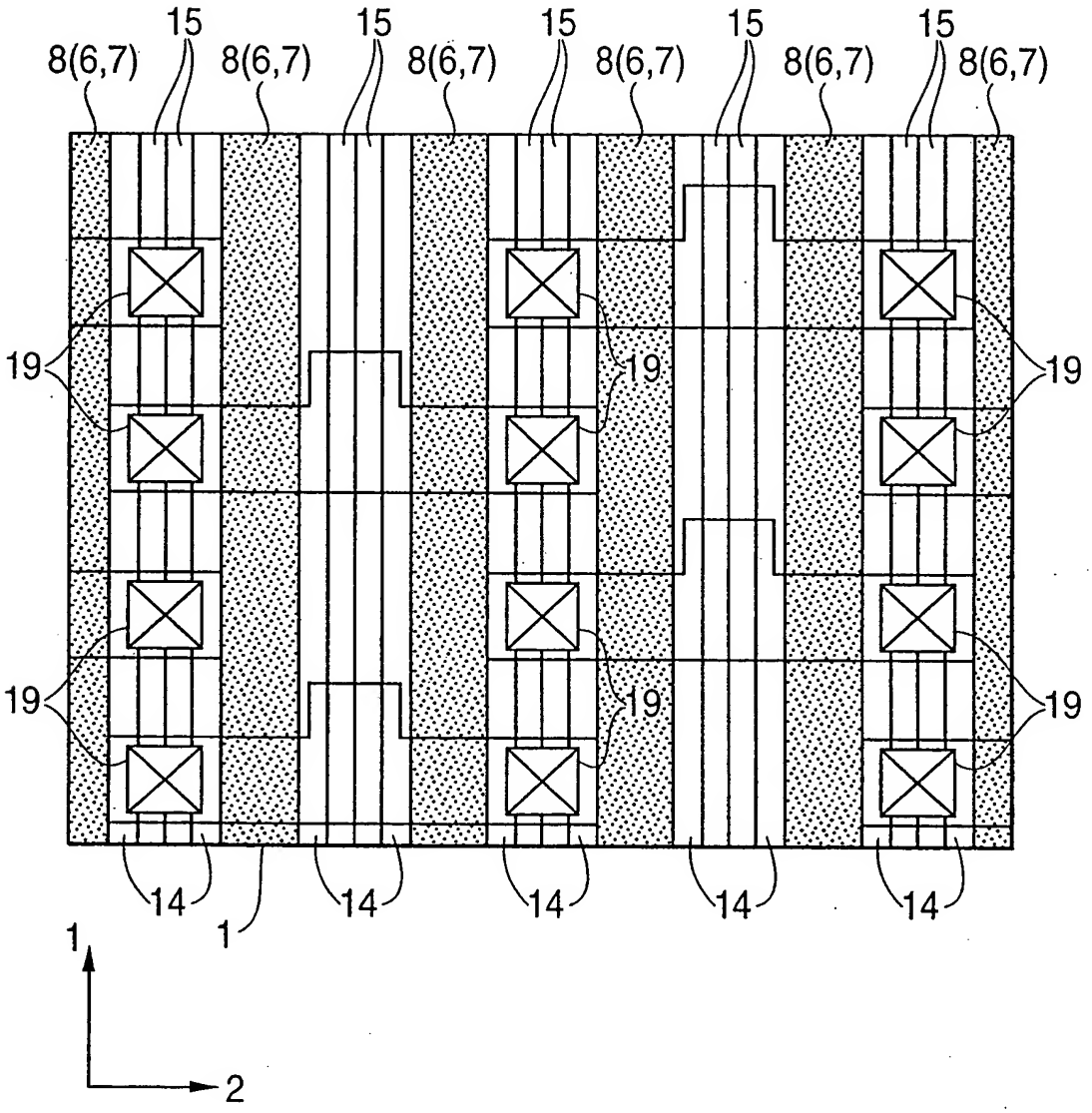


FIG. 18


8(6,7)
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8(6,7)
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8(6,7)
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8(6,7)
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8(6,7)
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8(6,7)
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FIG. 19

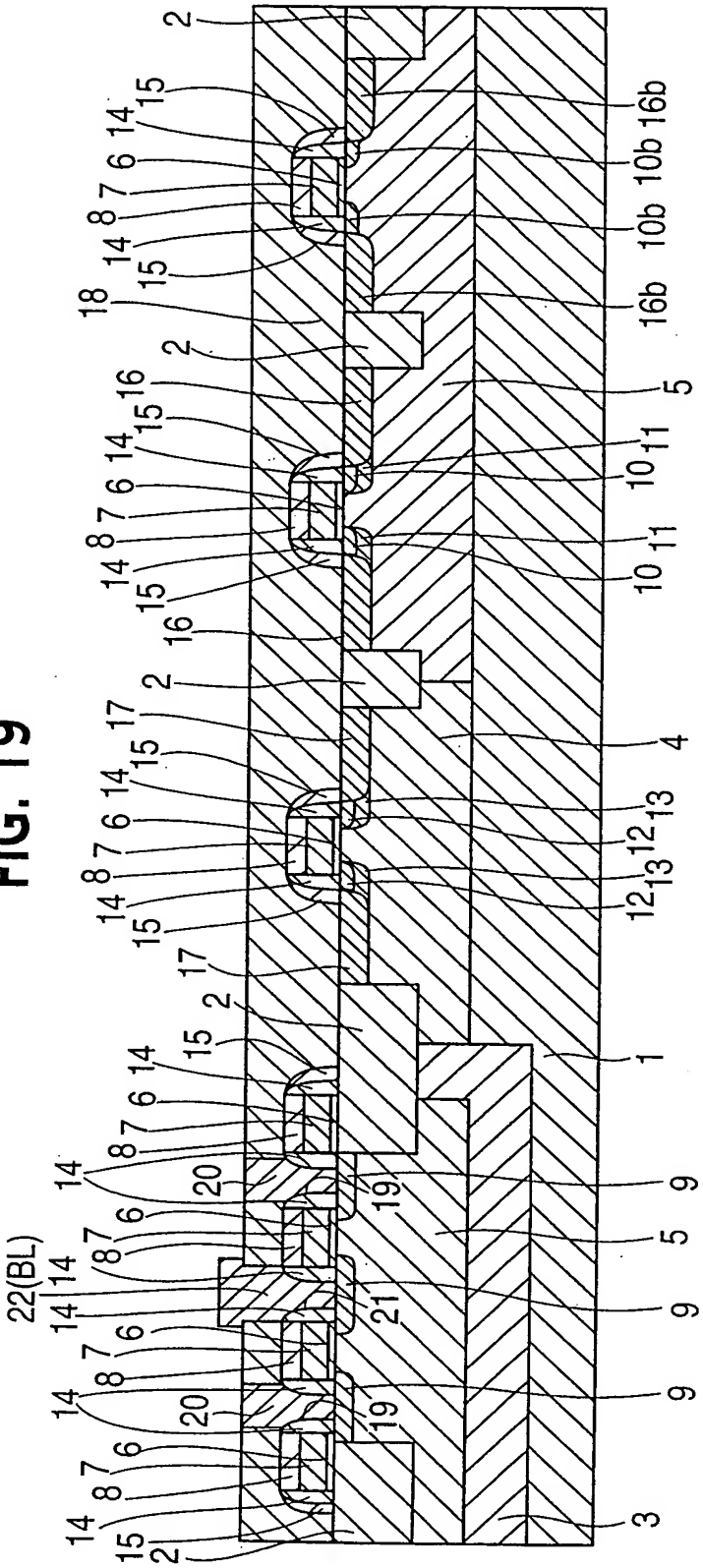
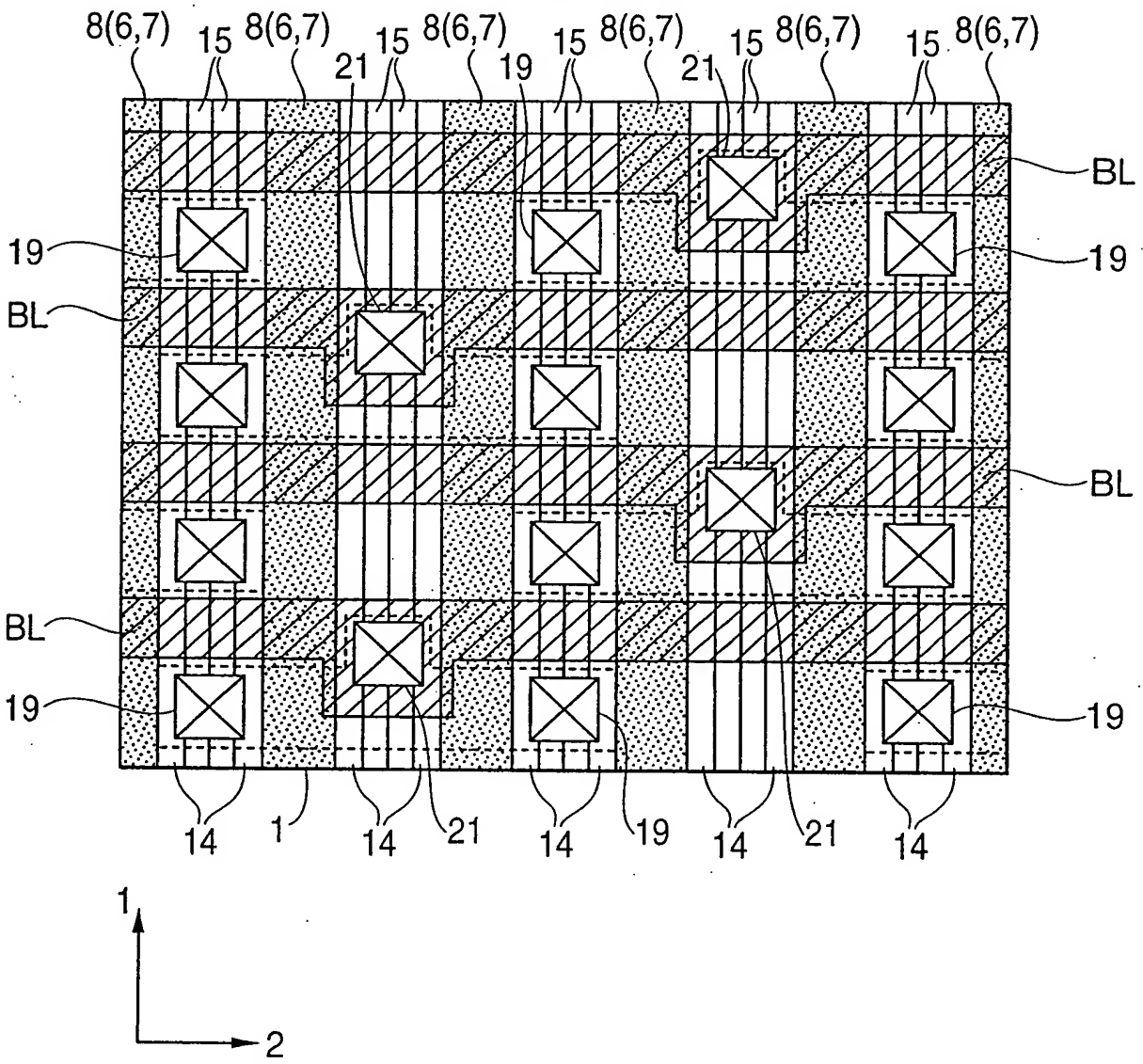


FIG. 20


8(6,7)
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8(6,7)
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8(6,7)
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8(6,7)
21
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8(6,7)
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8(6,7)
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19
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14
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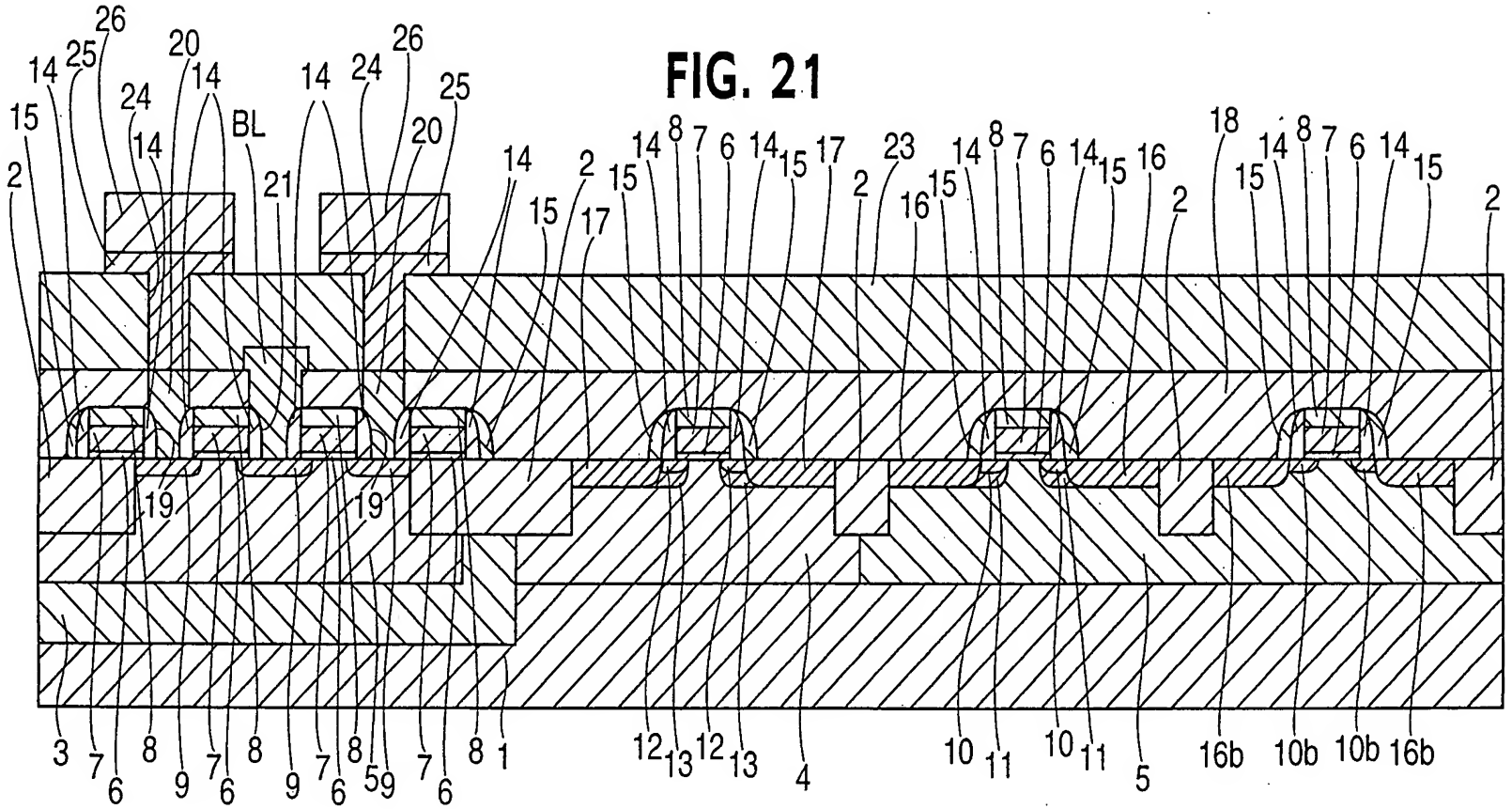
FIG. 21


26
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11
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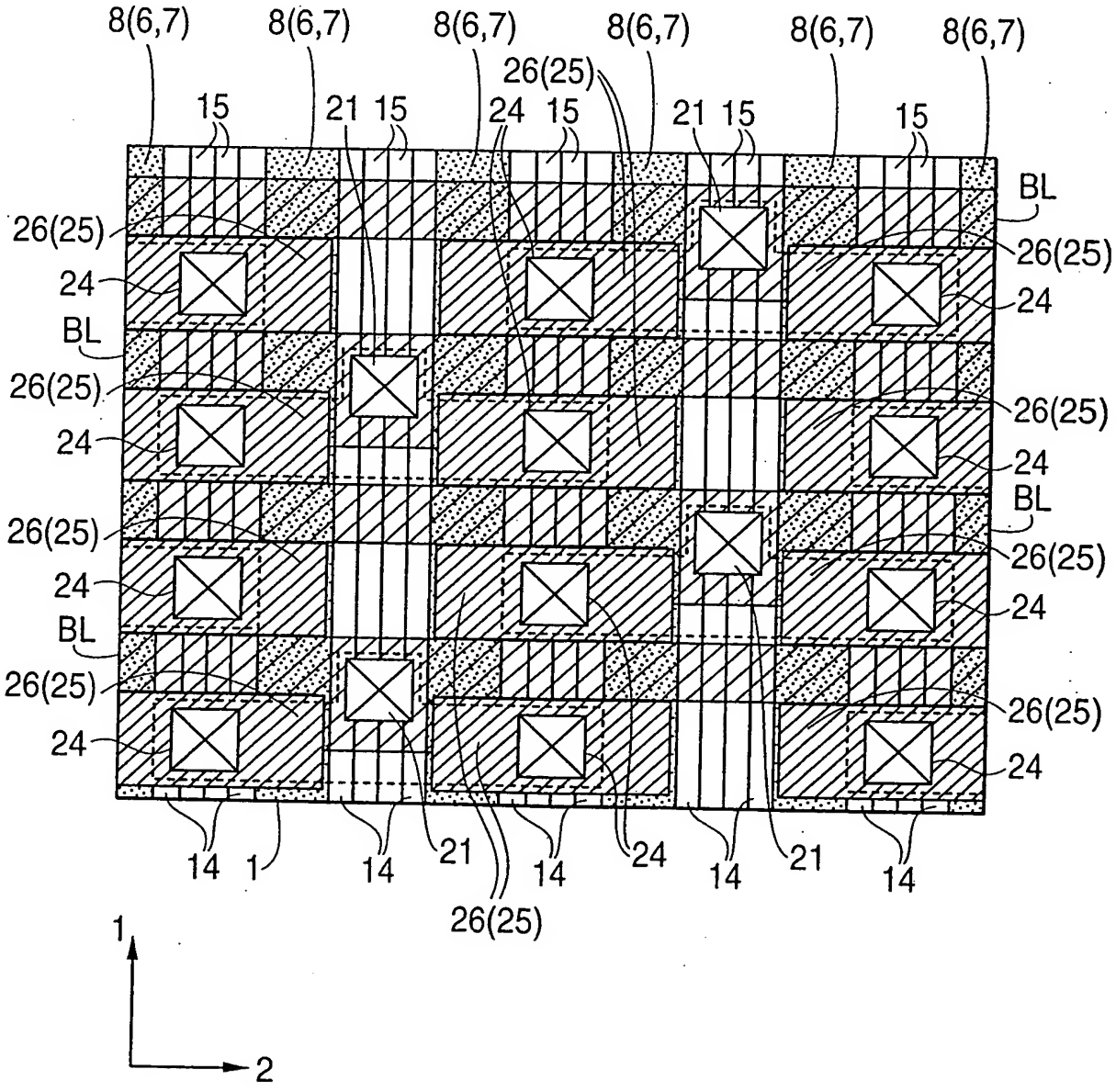
16b
10b
10b
16b

FIG. 22


8(6,7)
8(6,7)
8(6,7)
8(6,7)
8(6,7)
8(6,7)
26(25)
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26(25)
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BL
26(25)
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26(25)
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BL
26(25)
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26(25)
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26(25)
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26(25)
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26(25)
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14
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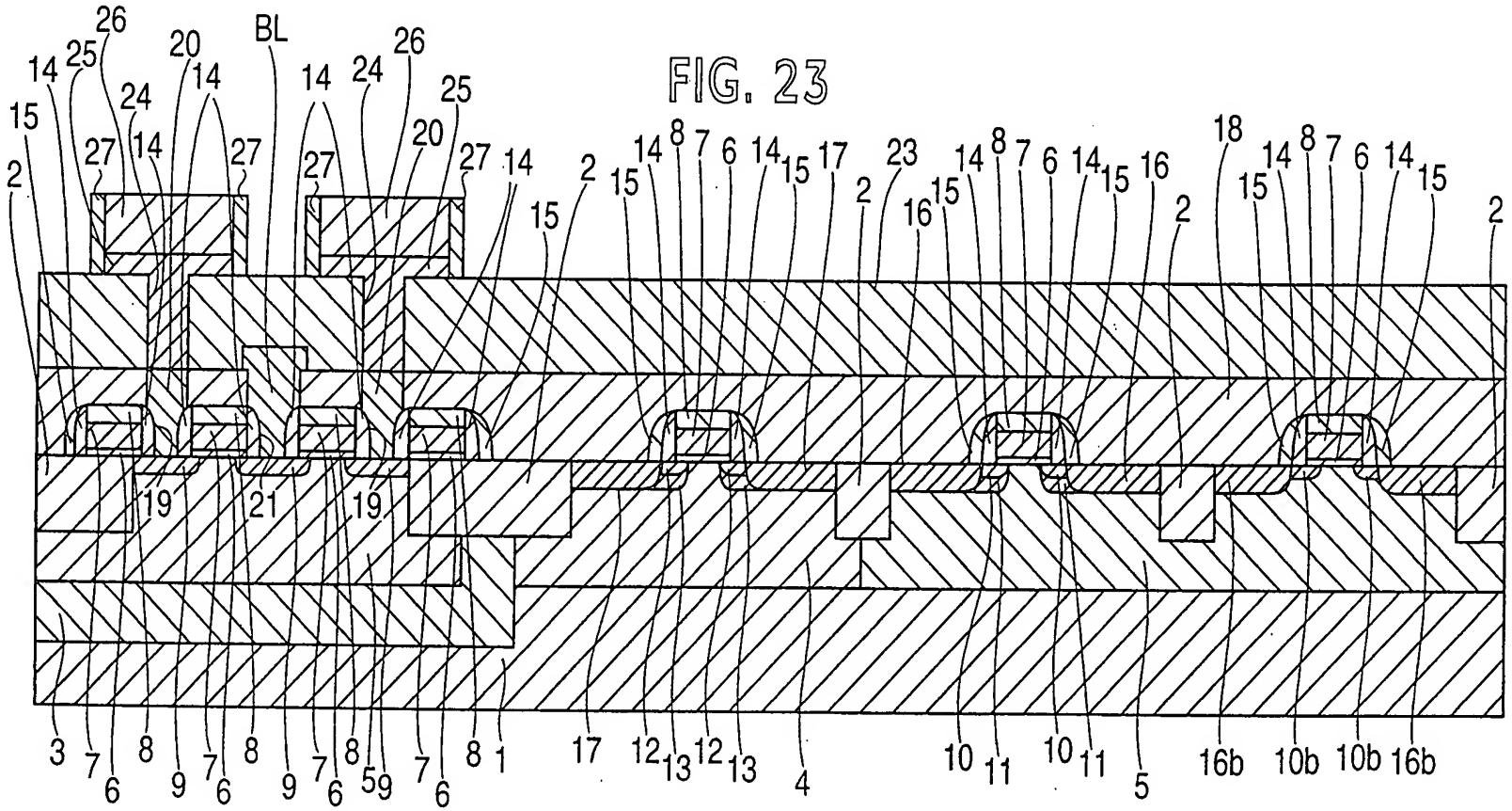
14
26(25)
1
2

FIG. 23


BL
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9
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15
16
16b
17
18
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25
26
27
10b

FIG. 24

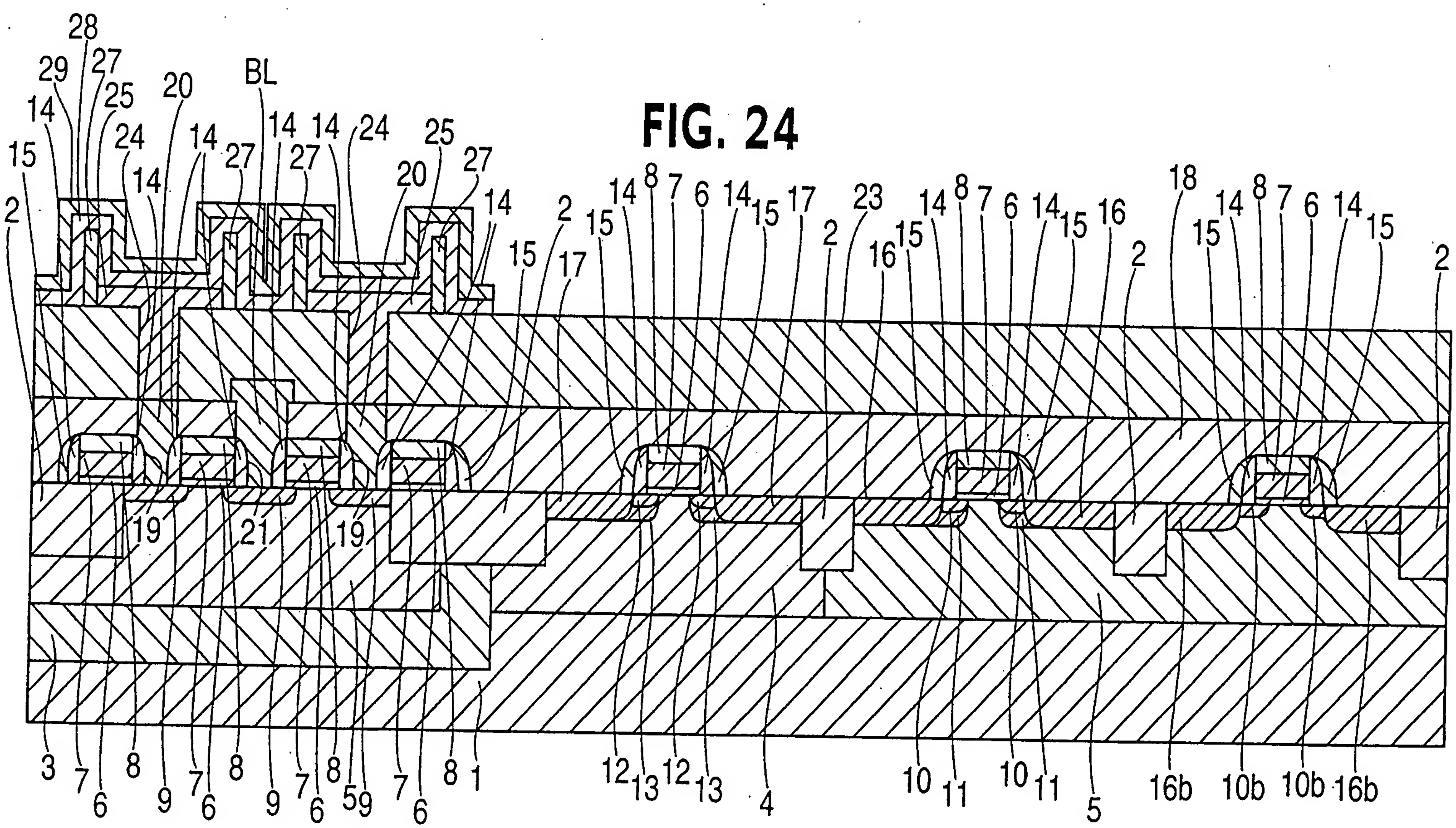


FIG. 25

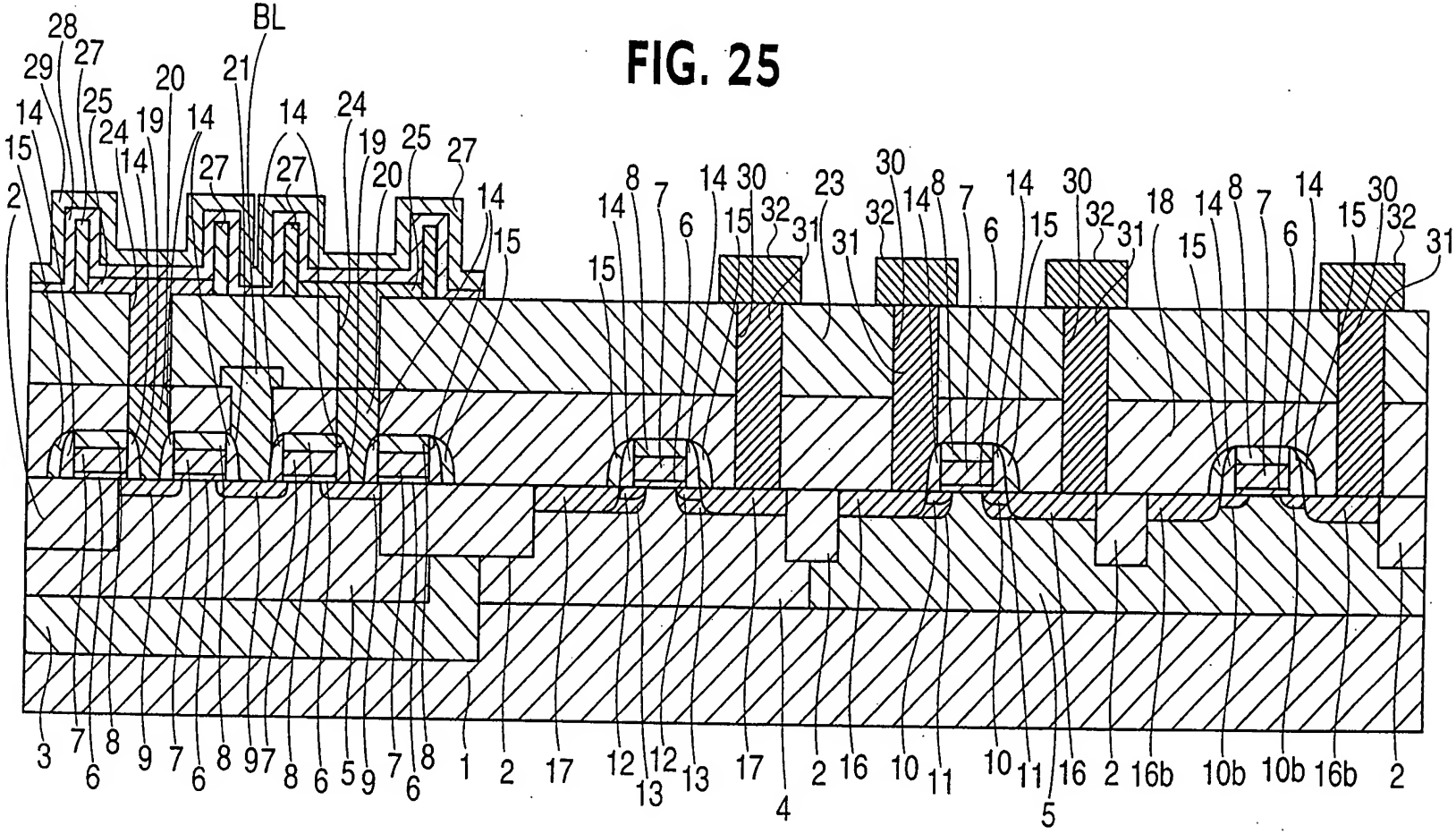

BL
28
29
27
25
24
20
19
21
14
15
2
3
7
6
8
9
97
5
1
17
12
13
4
16
10
11
16b
10b

FIG. 26

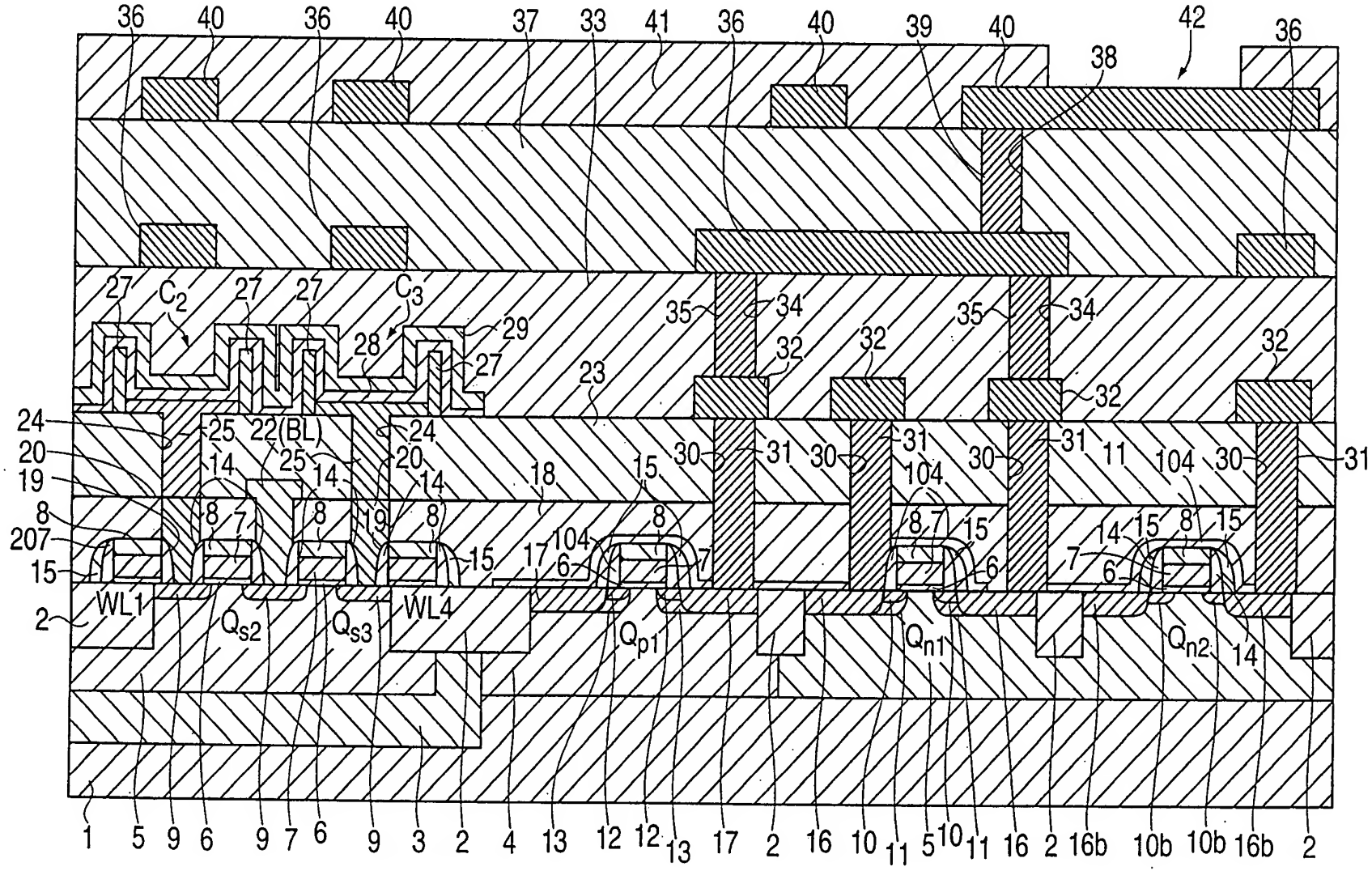


FIG. 27

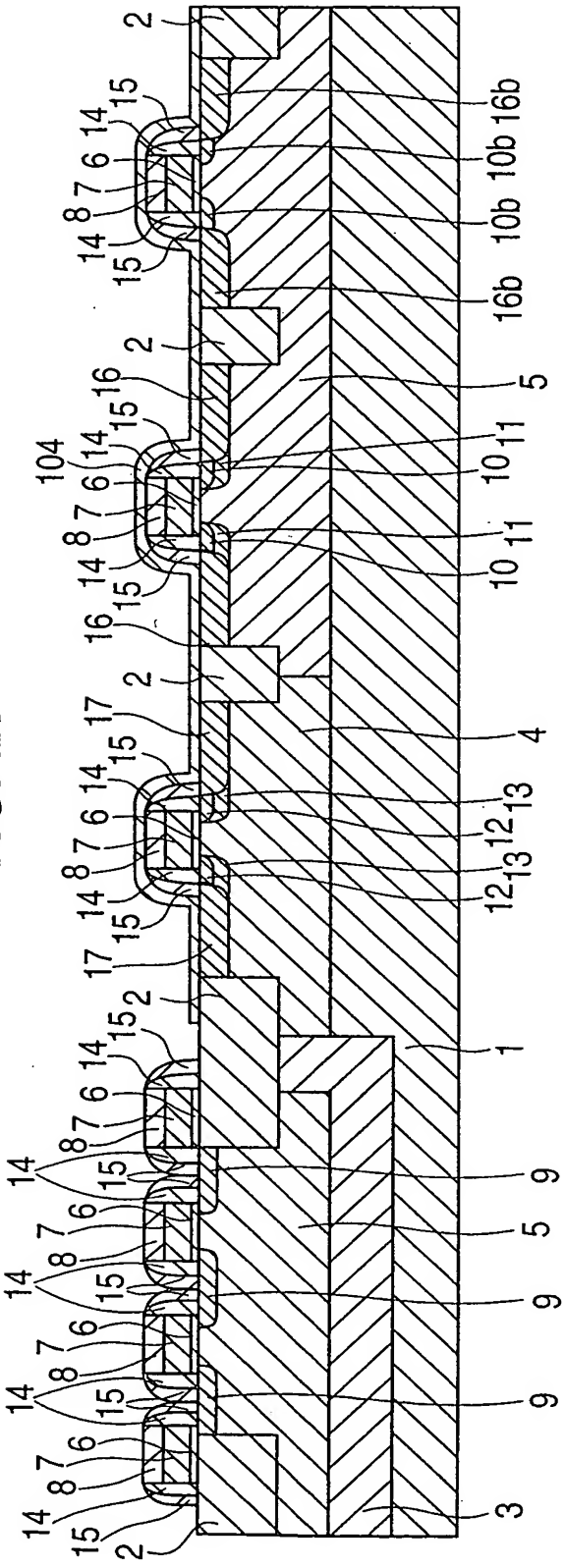
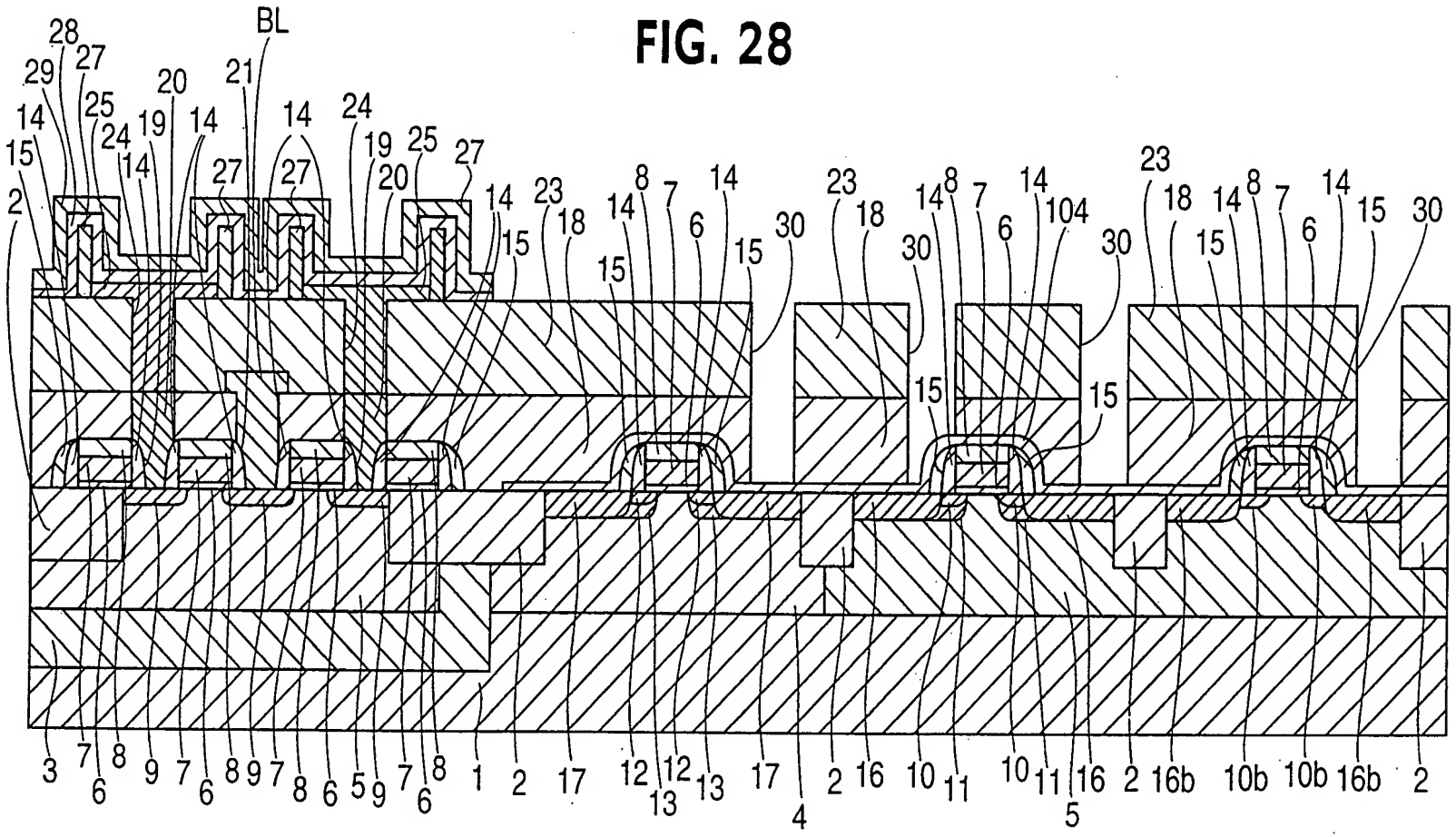


FIG. 28


BL
28
29
27
25
24
14
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20
19
14
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14
24
19
25
27
14
23
18
15
8
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6
30
104
3
9
1
17
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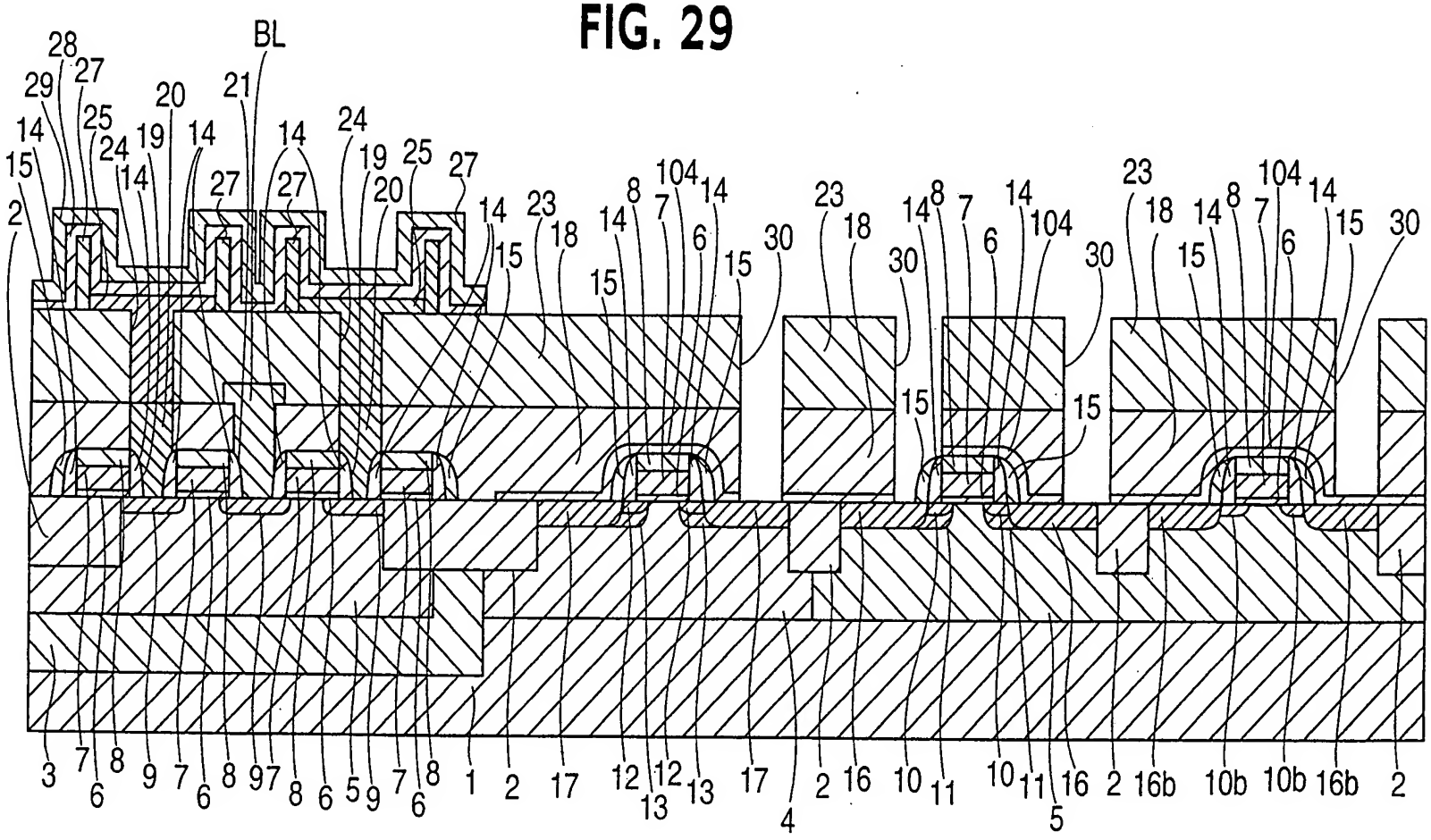
16
10
11
5
16b
10b

FIG. 29


BL
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29
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97
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18
30
104
16b
10b

FIG. 30

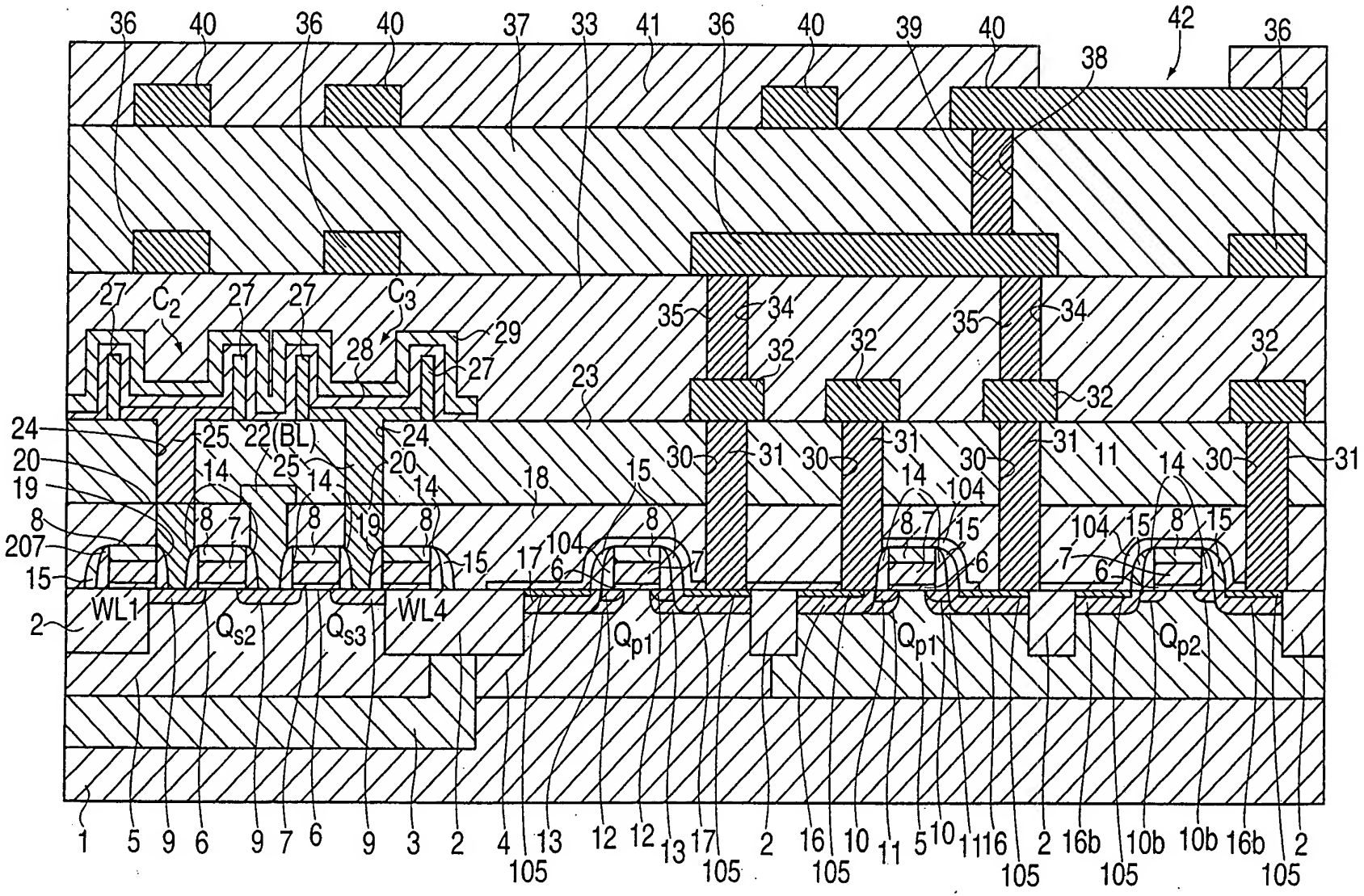


FIG. 31

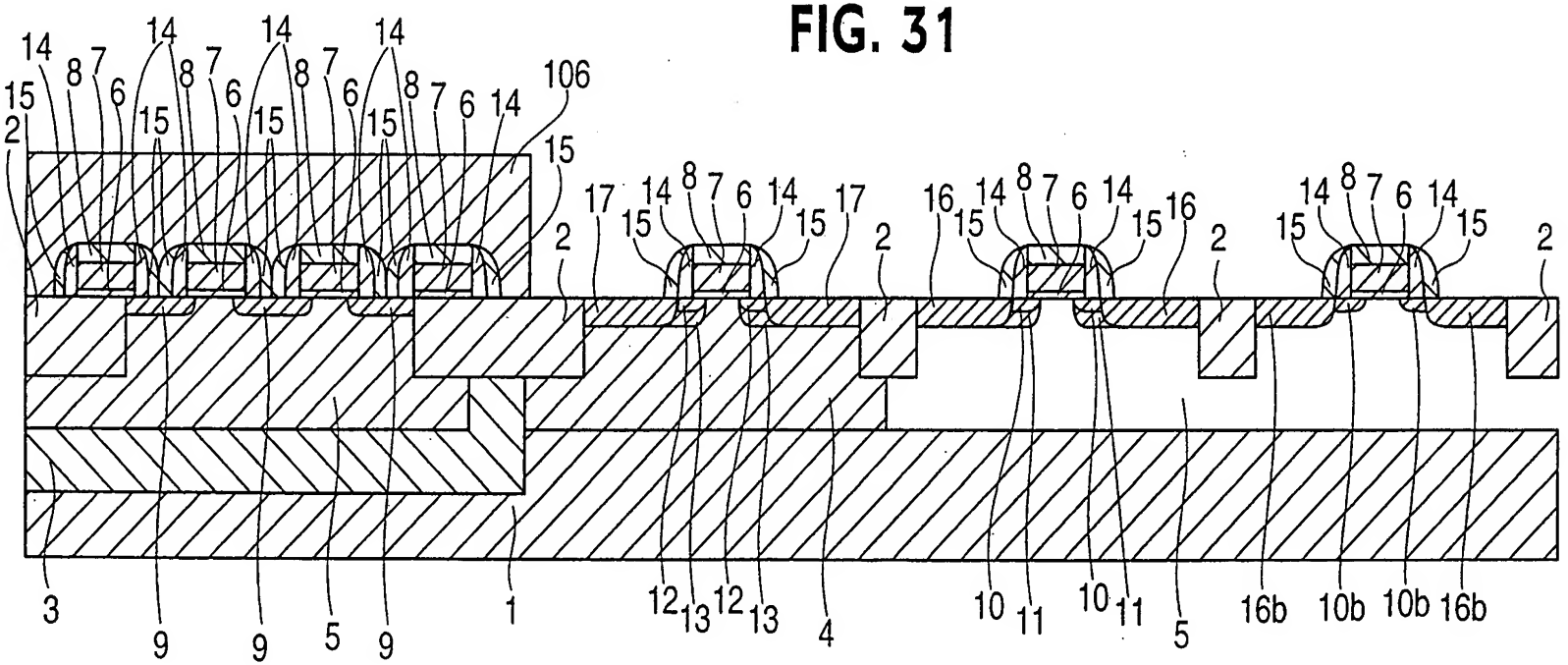


FIG. 32

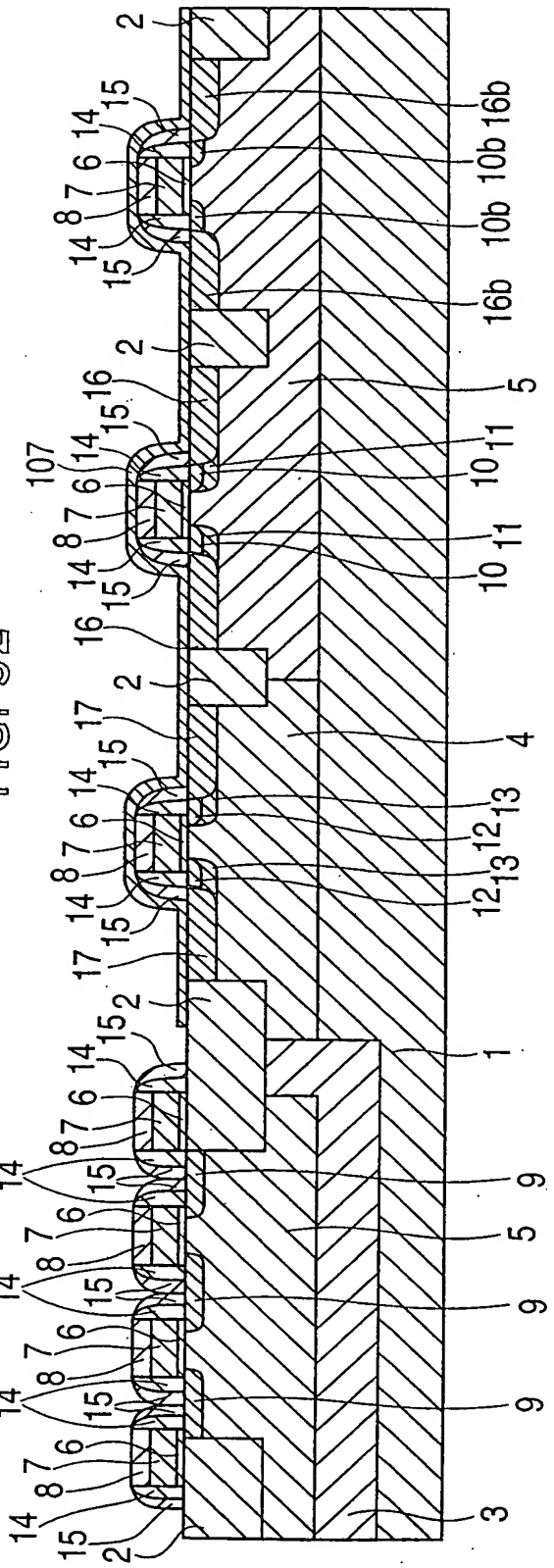


FIG. 33

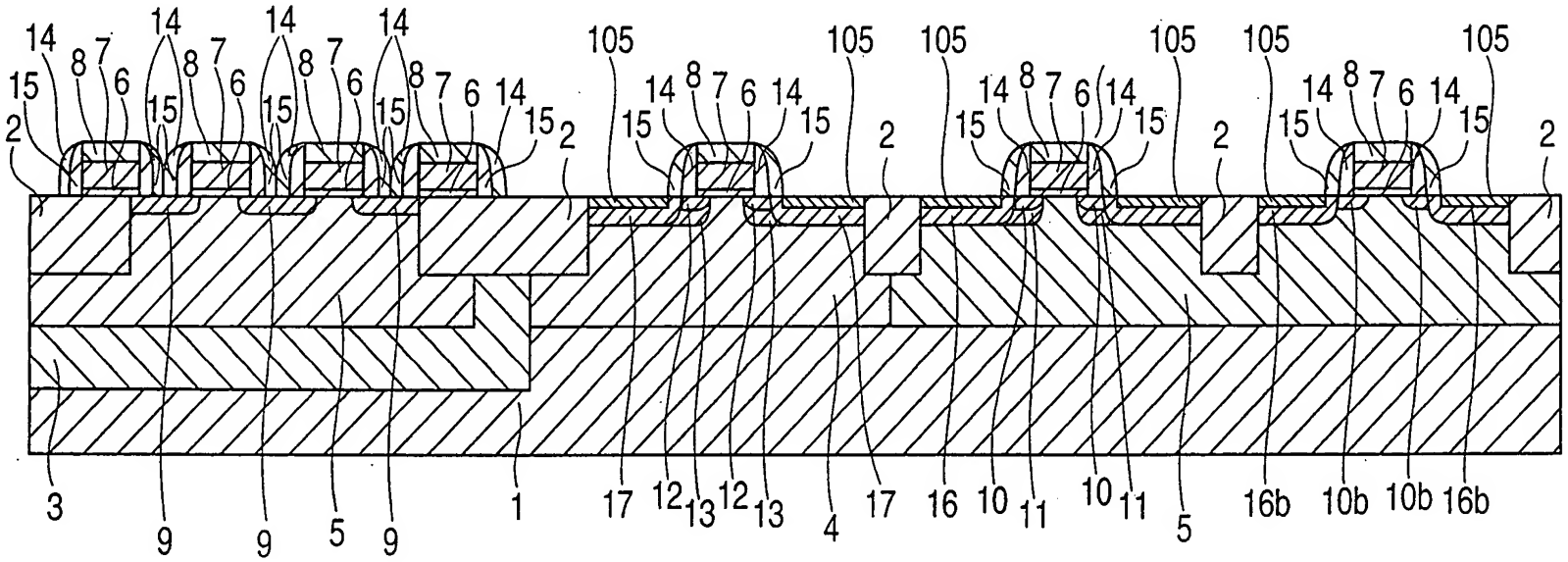


FIG. 34

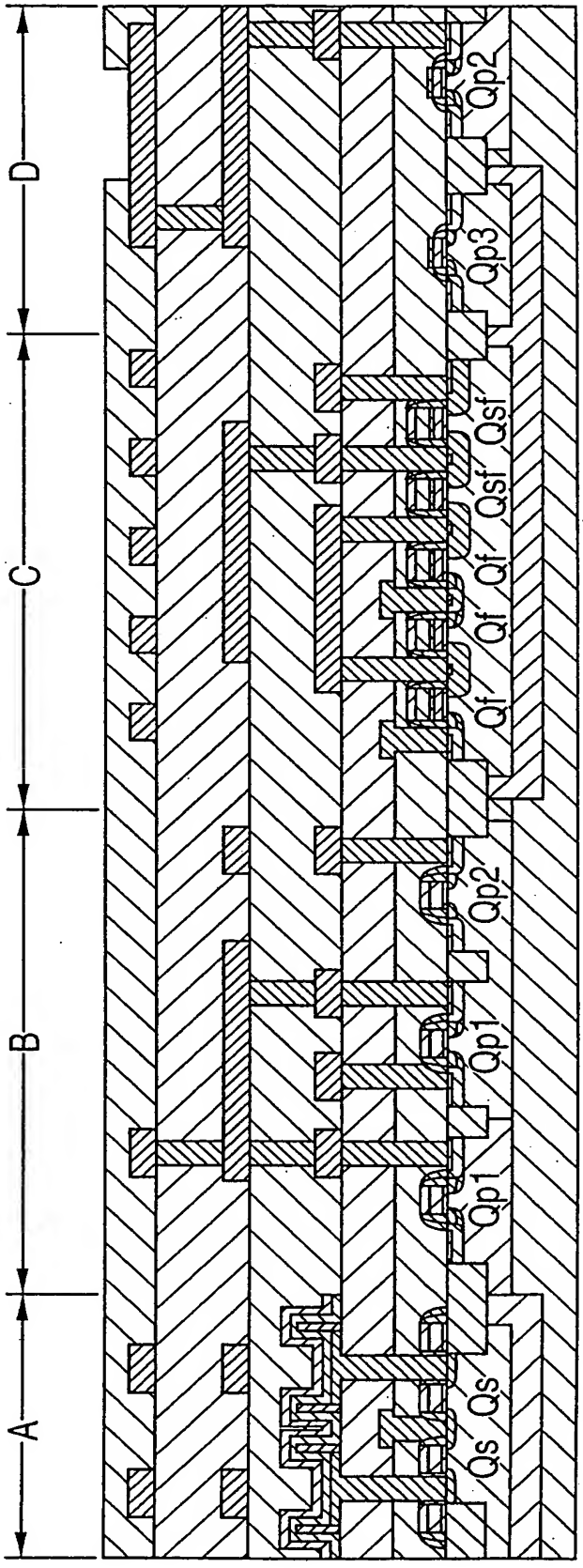
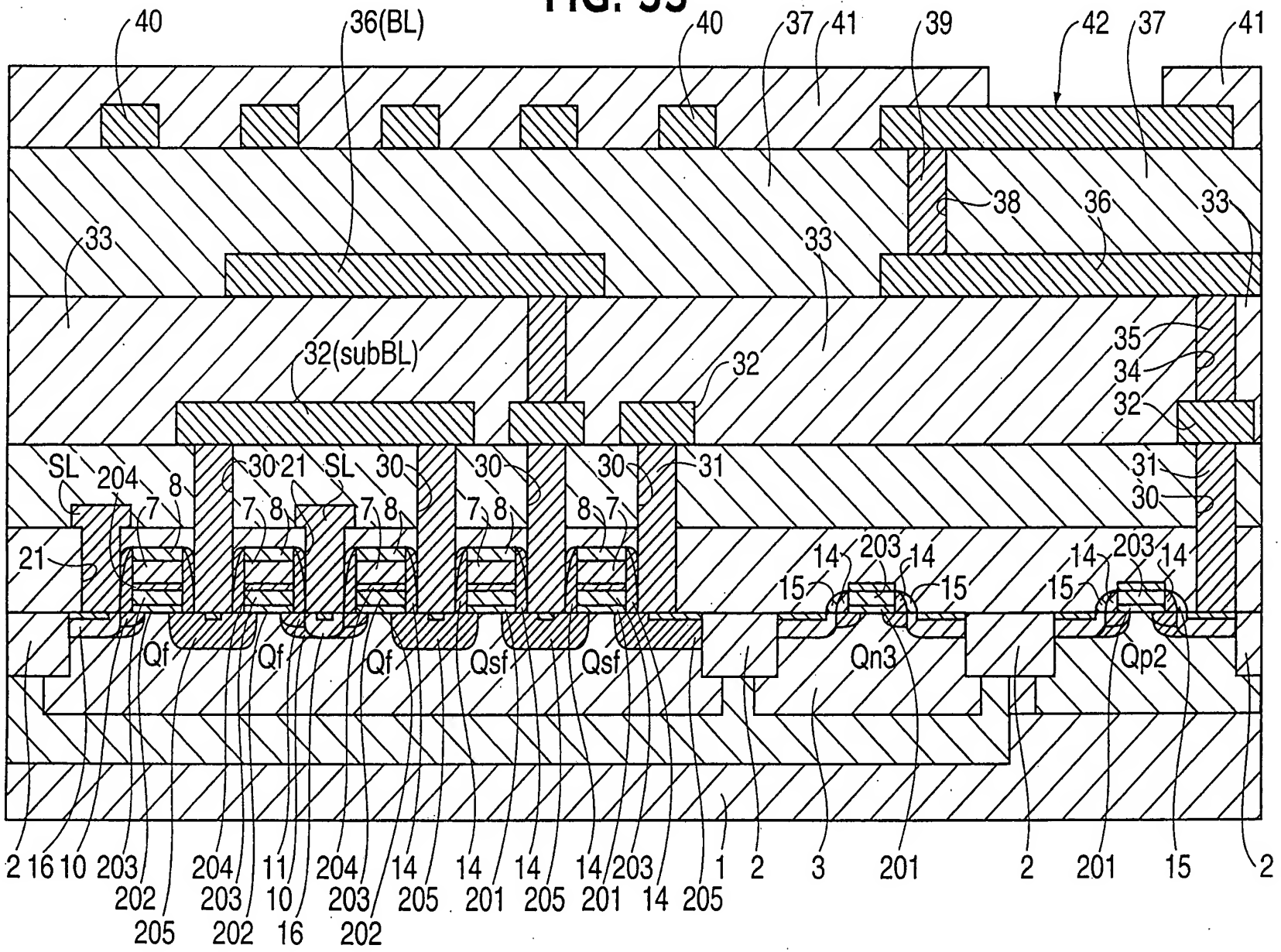


FIG. 35


40
36(BL)
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37
41
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42
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41
38
36
33
33
33
32(subBL)
32
35
34
32
SL
204
8
7
30
21
SL
30
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30
31
31
30
21
14
203
14
15
15
14
203
14
15
Qf
Qf
Qf
Qsf
Qsf
Qn3
Qp2
2
16
10
203
202
205
204
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15
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FIG. 36

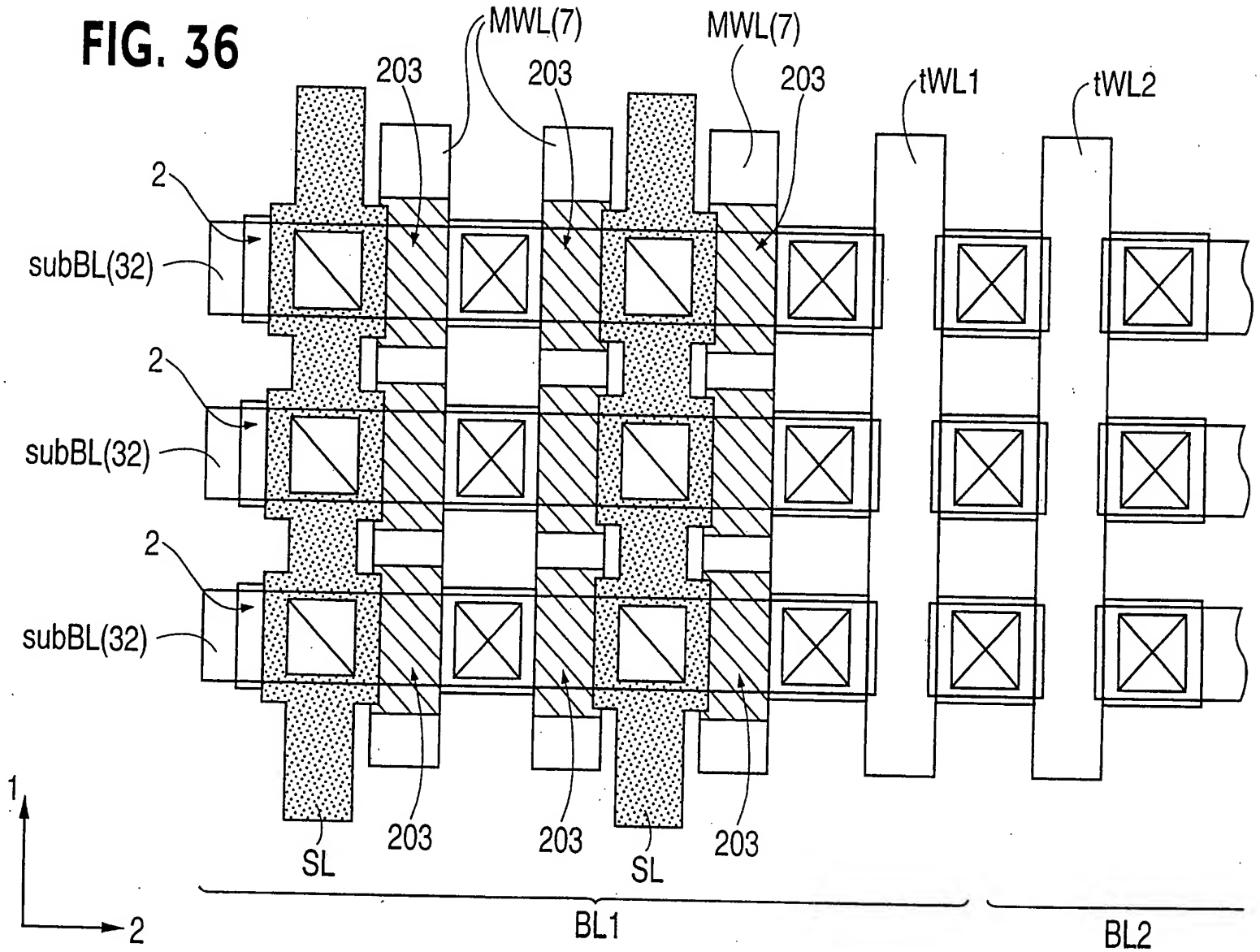
MWL(7)
MWL(7)
203
203
203
tWL1
tWL2
2
subBL(32)
2
subBL(32)
2
subBL(32)
1
2
SL
203
203
SL
203
BL1
BL2

FIG. 37

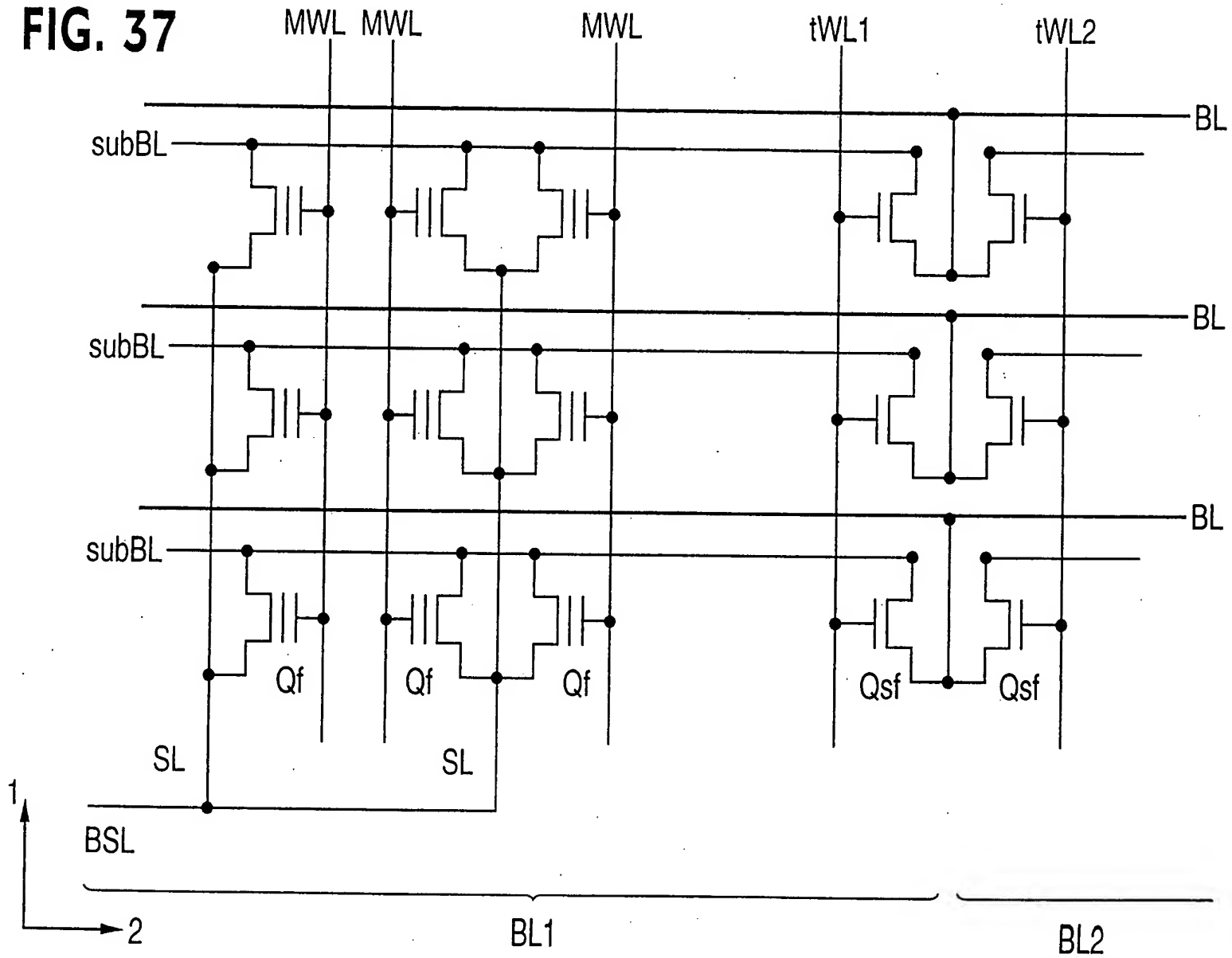
MWL
MWL
MWL
tWL1
tWL2
BL
subBL
BL
subBL
BL
subBL
Qf
Qf
Qf
Qsf
Qsf
SL
SL
1
BSL
2
BL1
BL2

FIG. 38

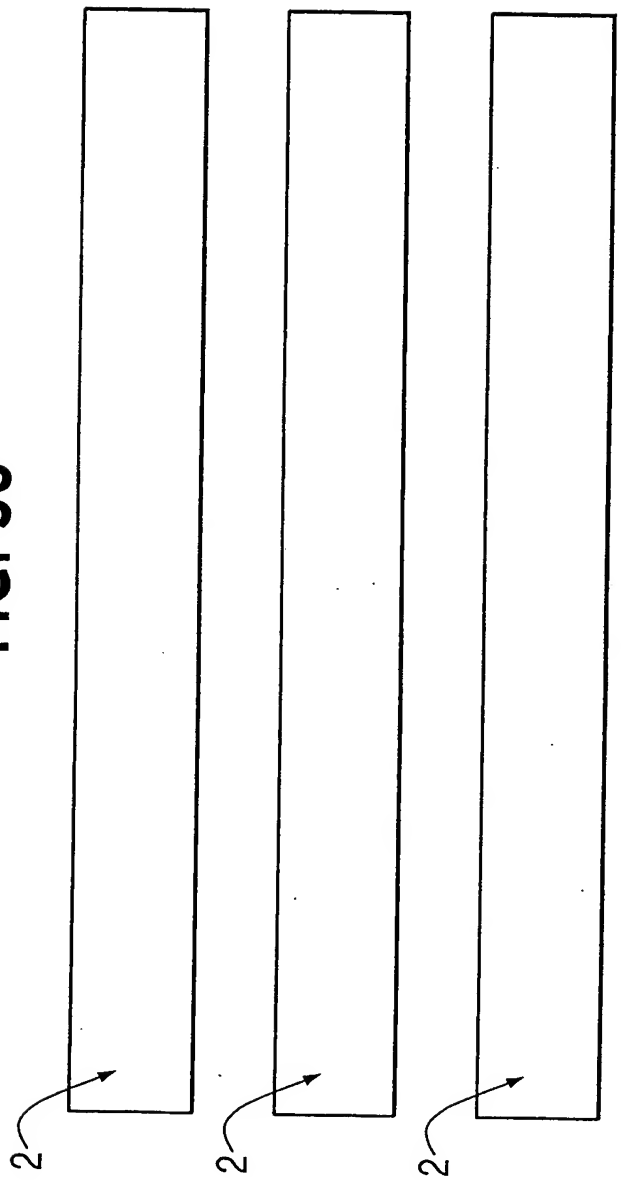

FIG. 39

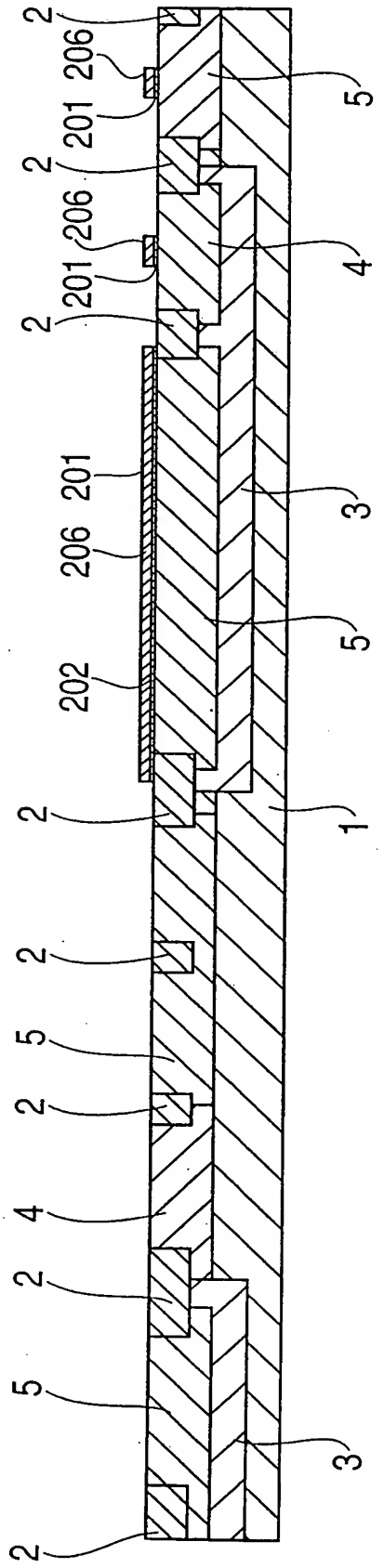

FIG. 40

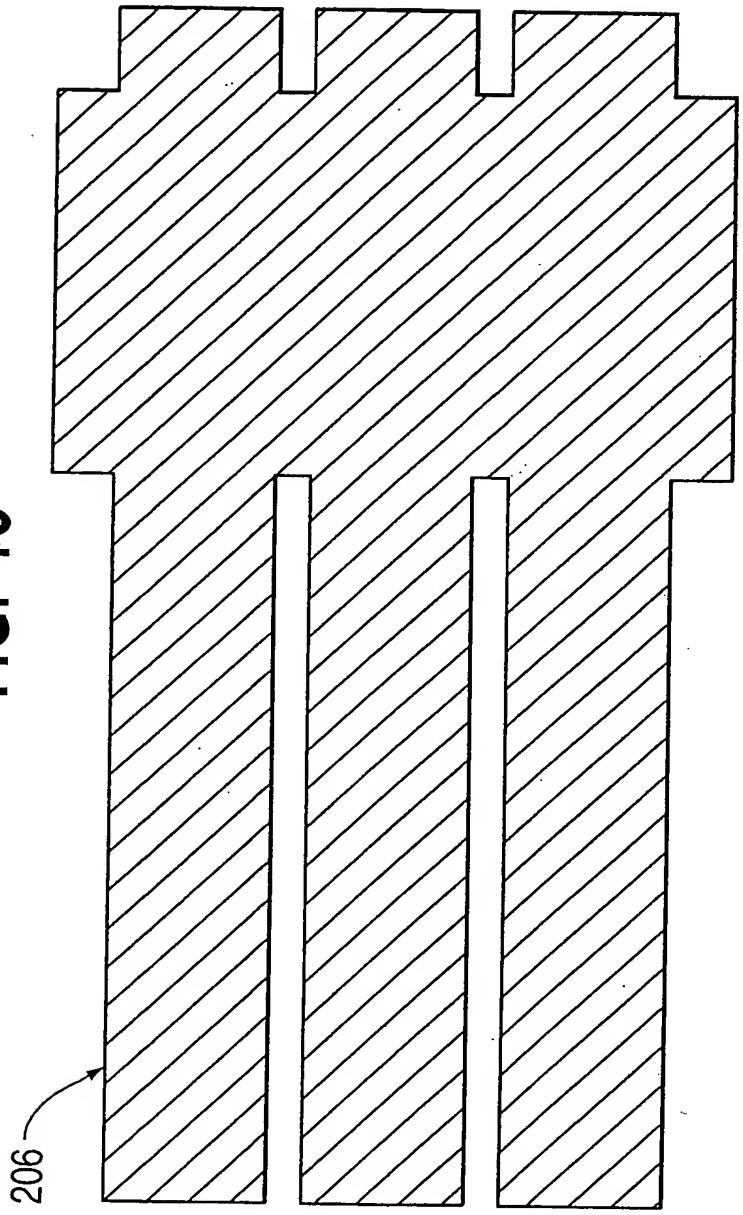

FIG. 41

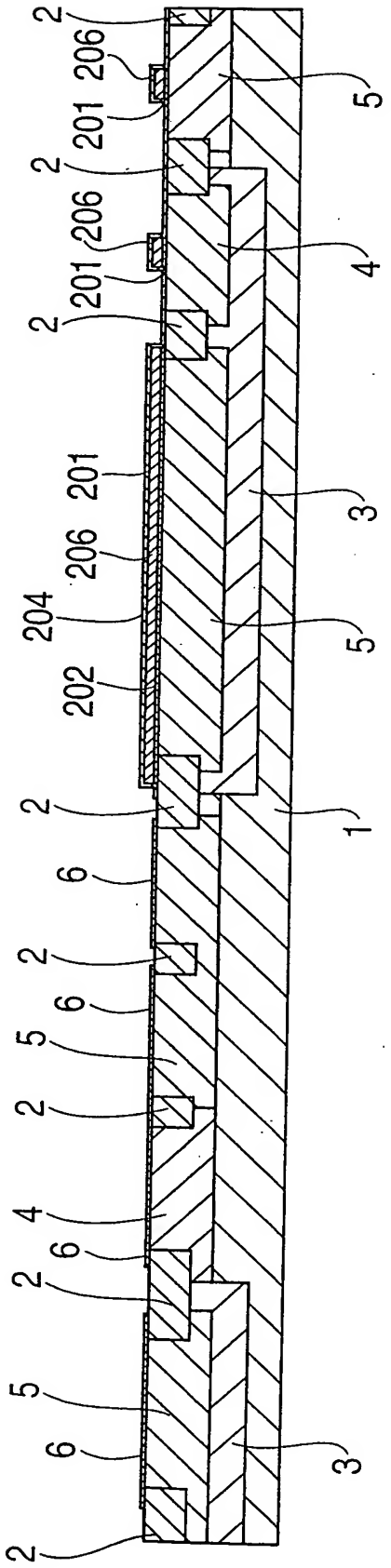

FIG. 42

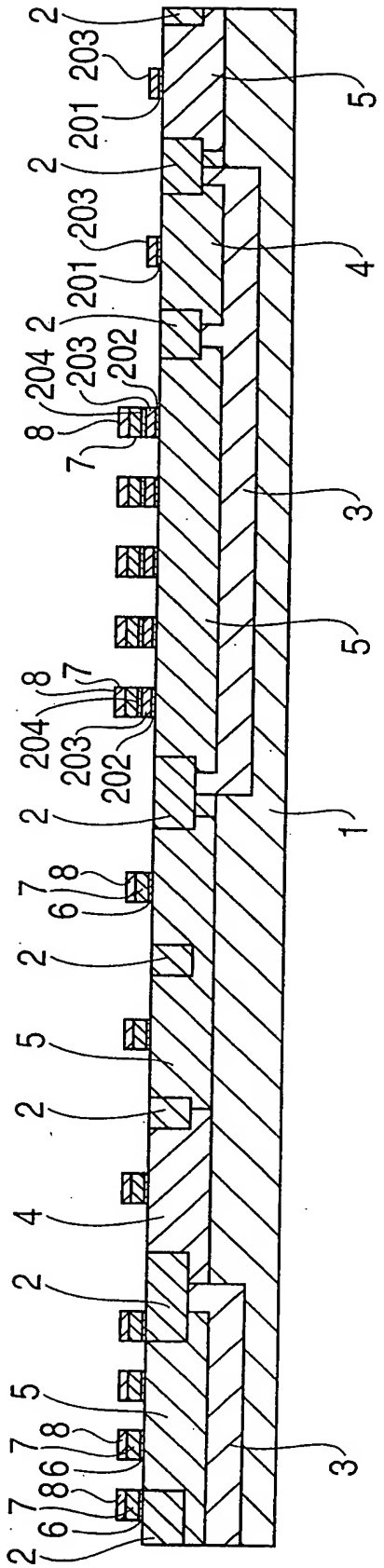

FIG. 43

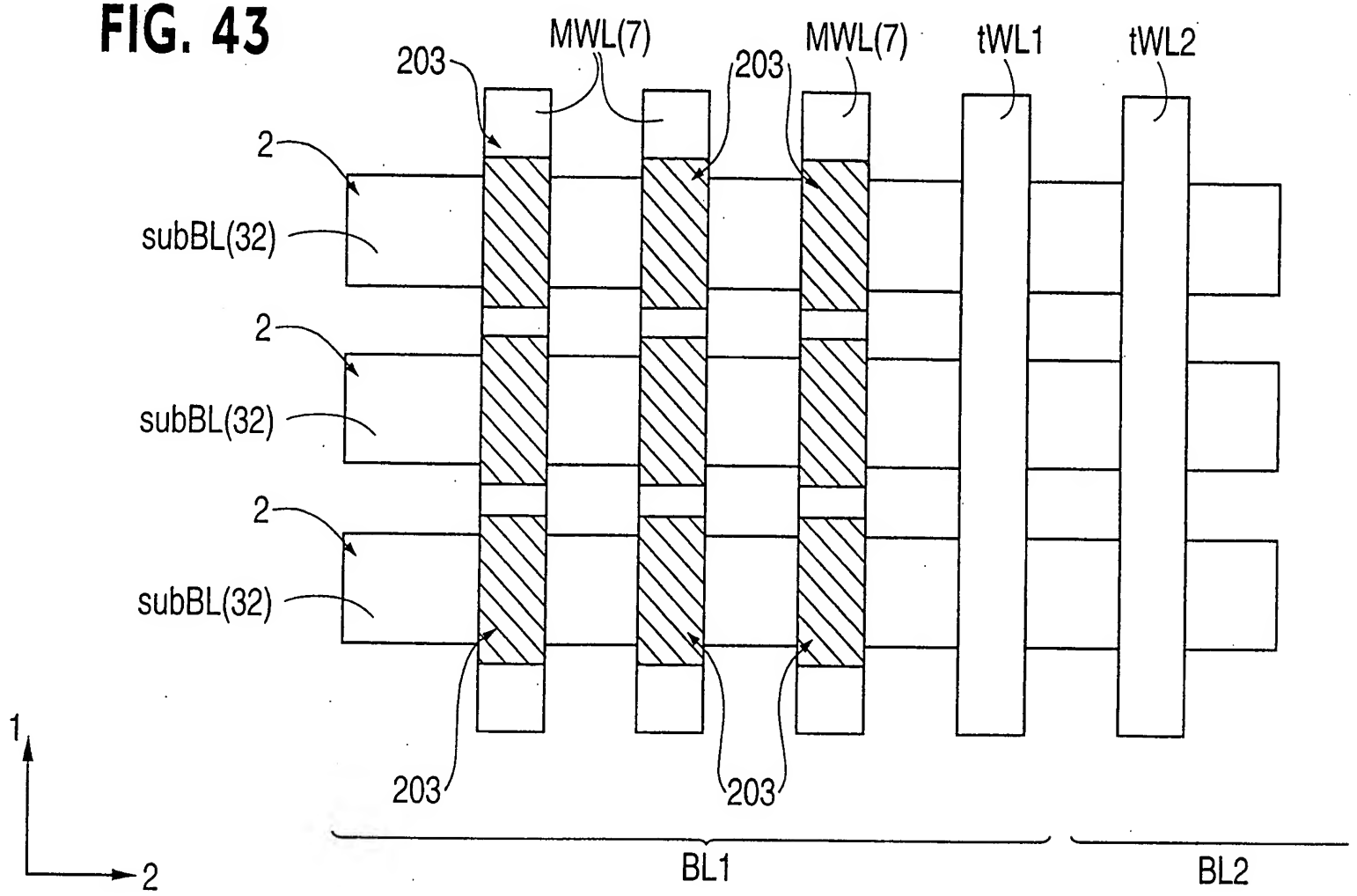
MWL(7)
MWL(7)
tWL1
tWL2
203
203
2
subBL(32)
2
subBL(32)
2
subBL(32)
203
203
1
2
BL1
BL2

FIG. 44

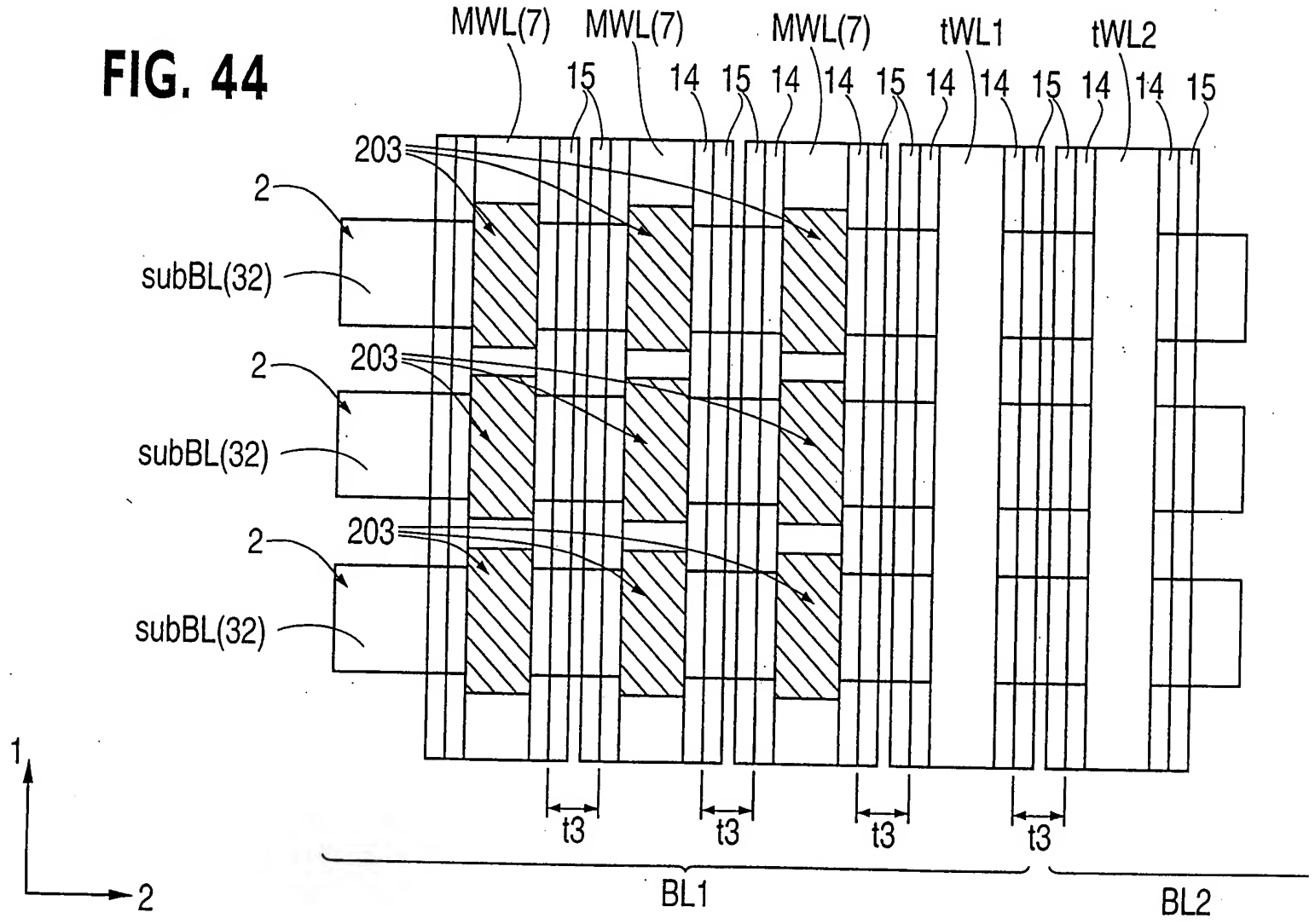
MWL(7)
MWL(7)
MWL(7)
tWL1
tWL2
15
14
15
14
14
15
14
14
15
14
14
15
203
2
subBL(32)
203
2
subBL(32)
203
2
subBL(32)
t3
t3
t3
t3
BL1
BL2
1
2

FIG. 45

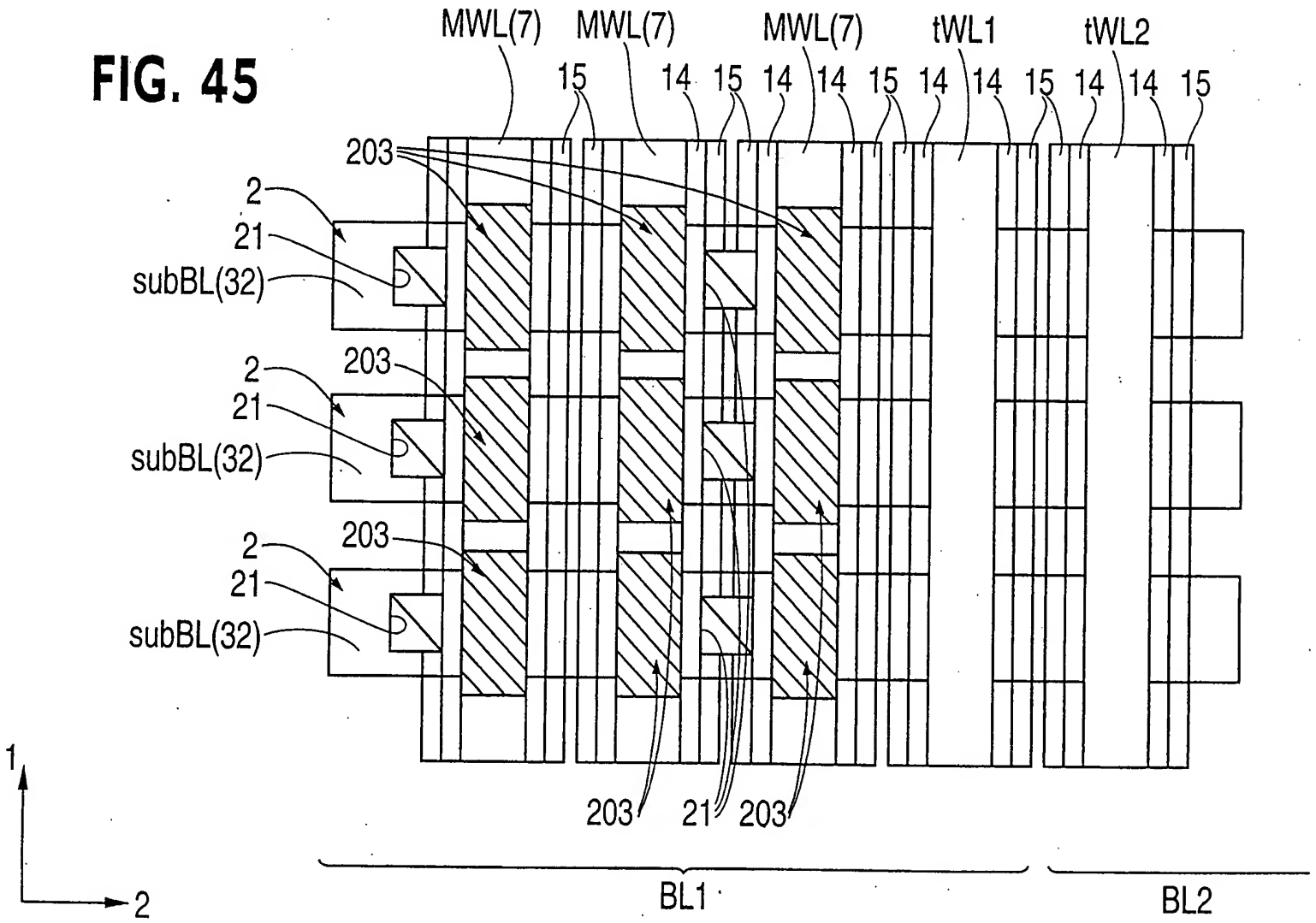
MWL(7)
MWL(7)
MWL(7)
tWL1
tWL2
15
14
15
14
14
15
14
14
15
14
14
15
203
2
21
subBL(32)
203
2
21
subBL(32)
203
2
21
subBL(32)
203
21
203
1
2
BL1
BL2

FIG. 46

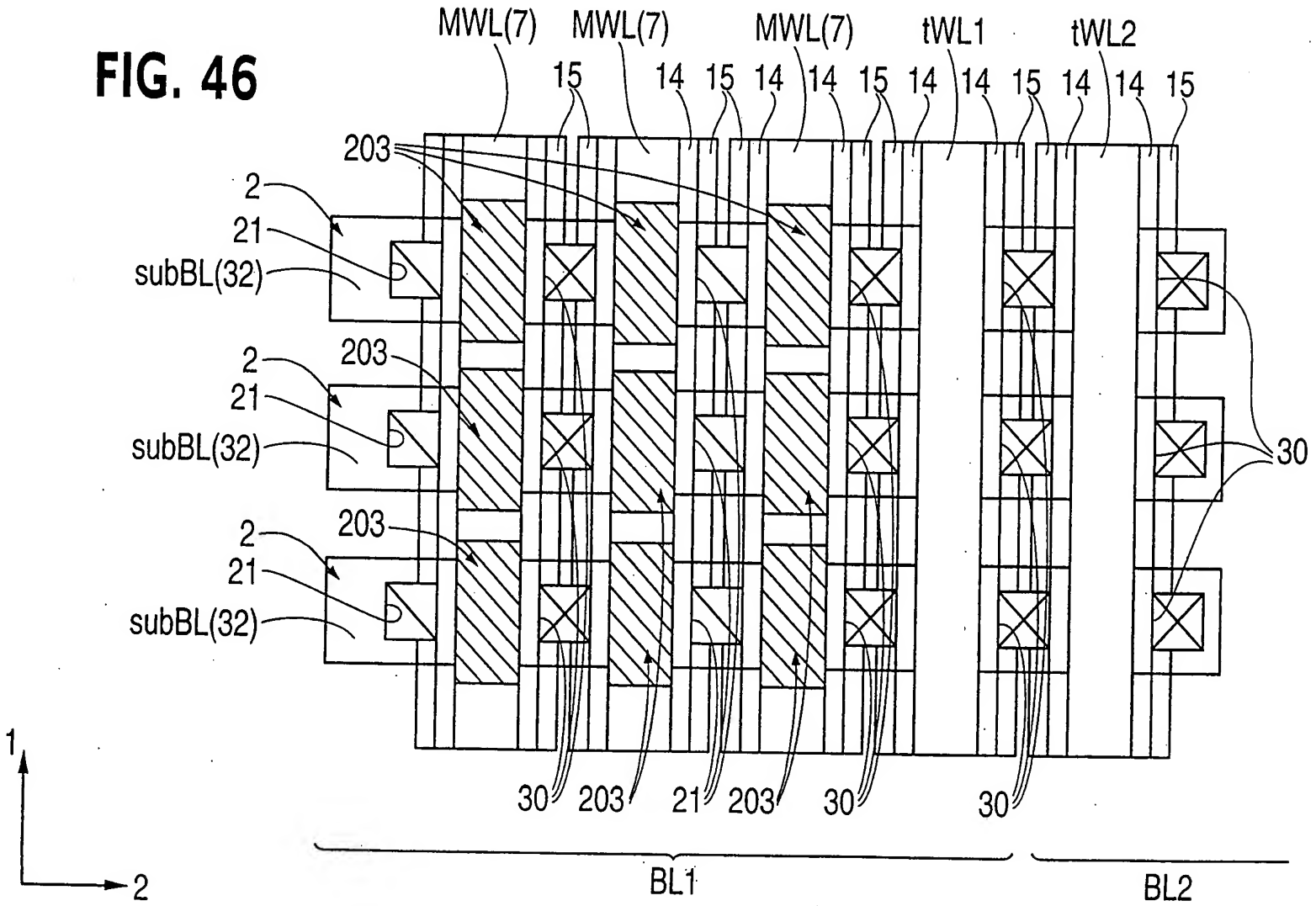
MWL(7)
MWL(7)
MWL(7)
tWL1
tWL2
15
14
15
14
14
15
14
14
15
14
14
15
203
2
21
subBL(32)
203
2
21
subBL(32)
203
2
21
subBL(32)
30
30
203
21
203
30
30
1
2
BL1
BL2

FIG. 47

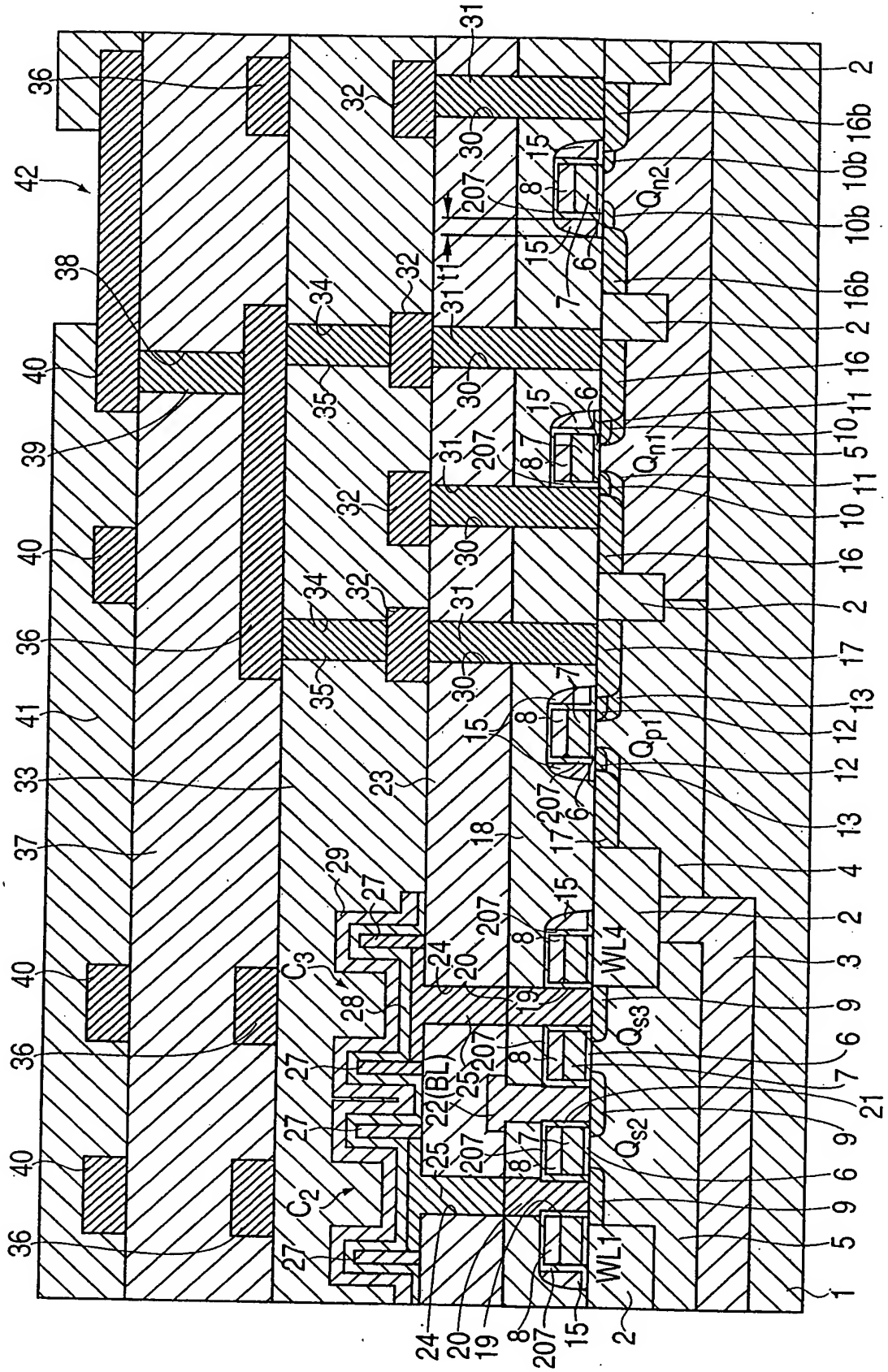

FIG. 48

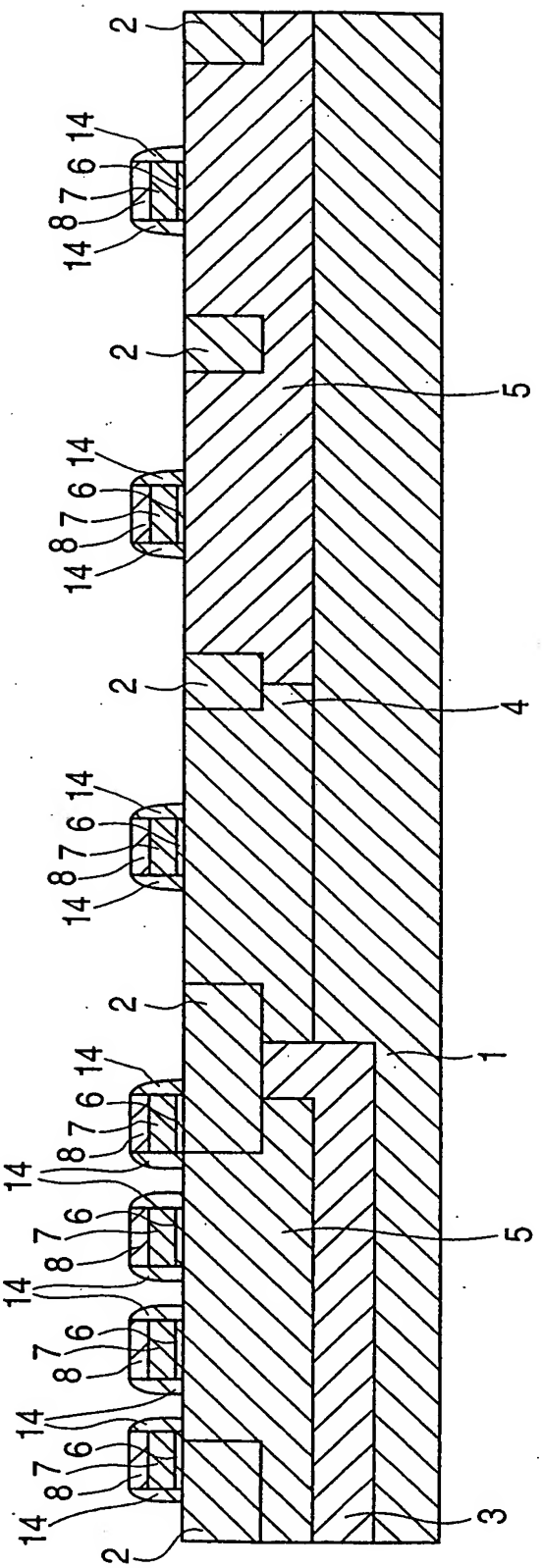

FIG. 49

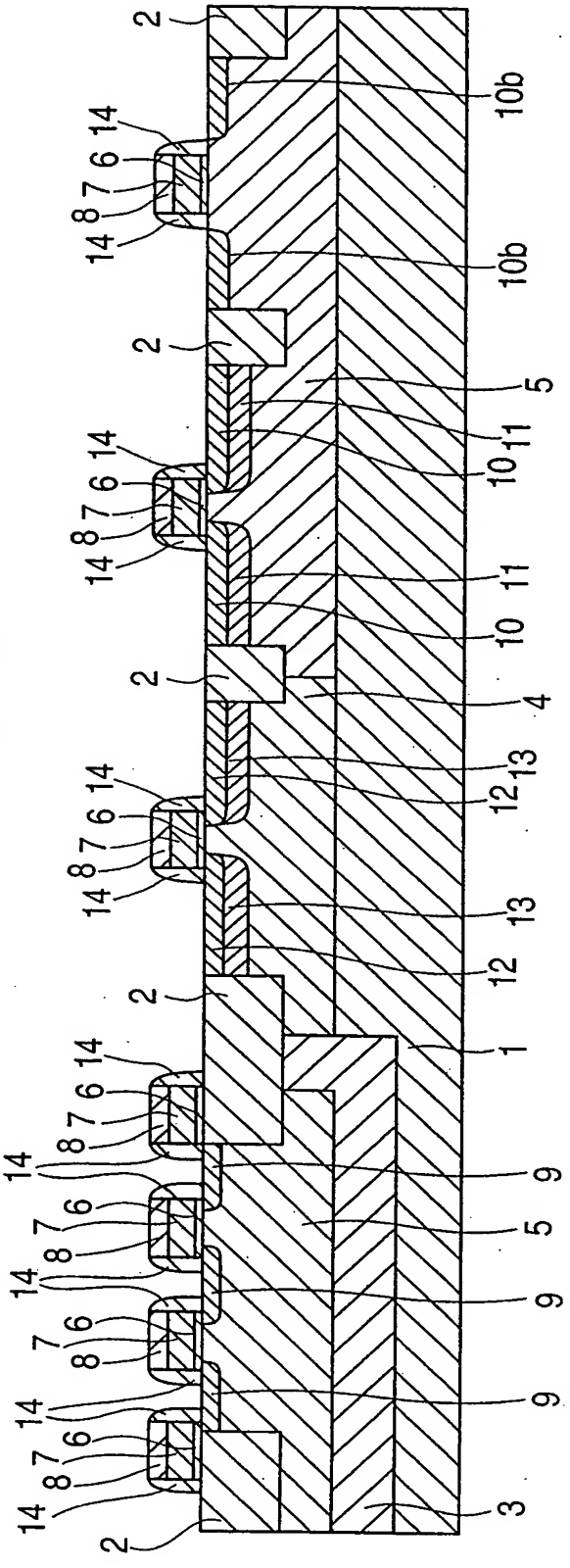

FIG. 50(a)

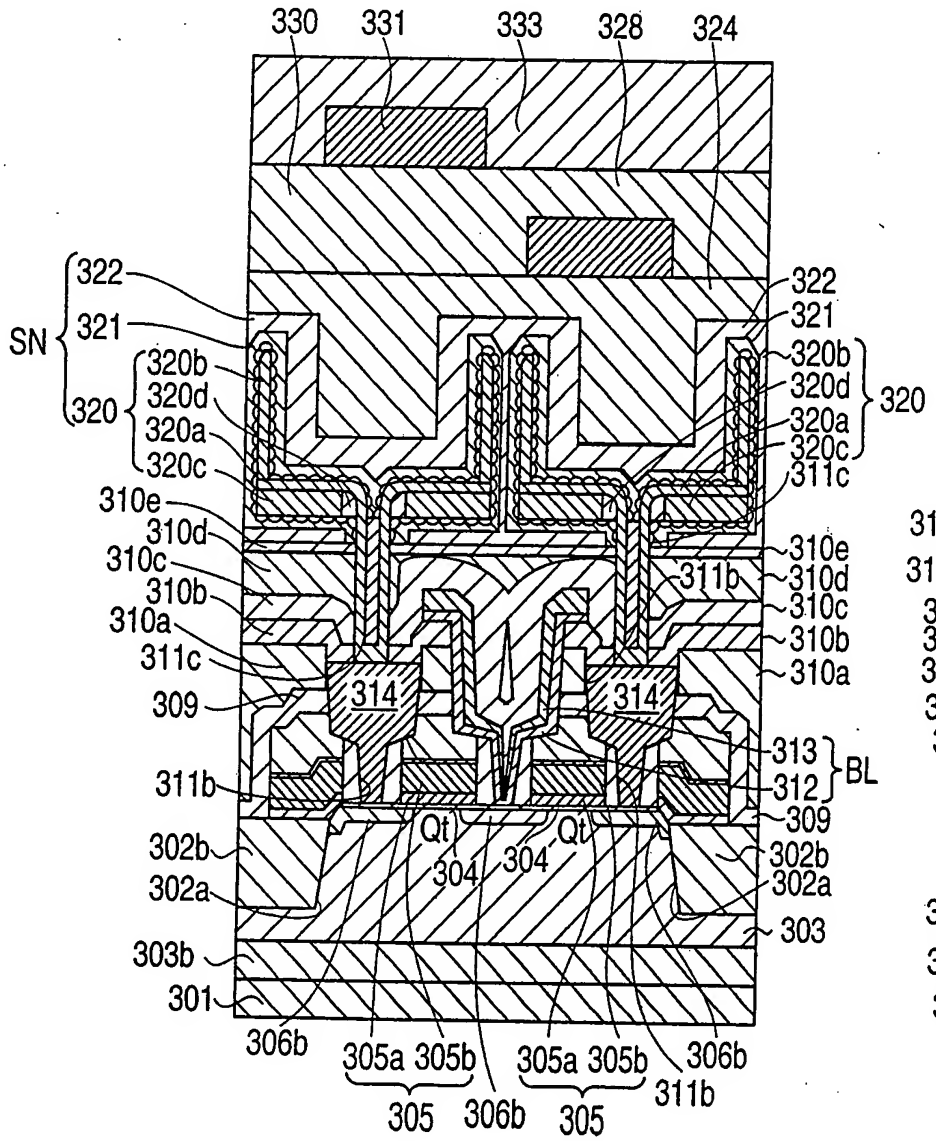

FIG. 50(b)

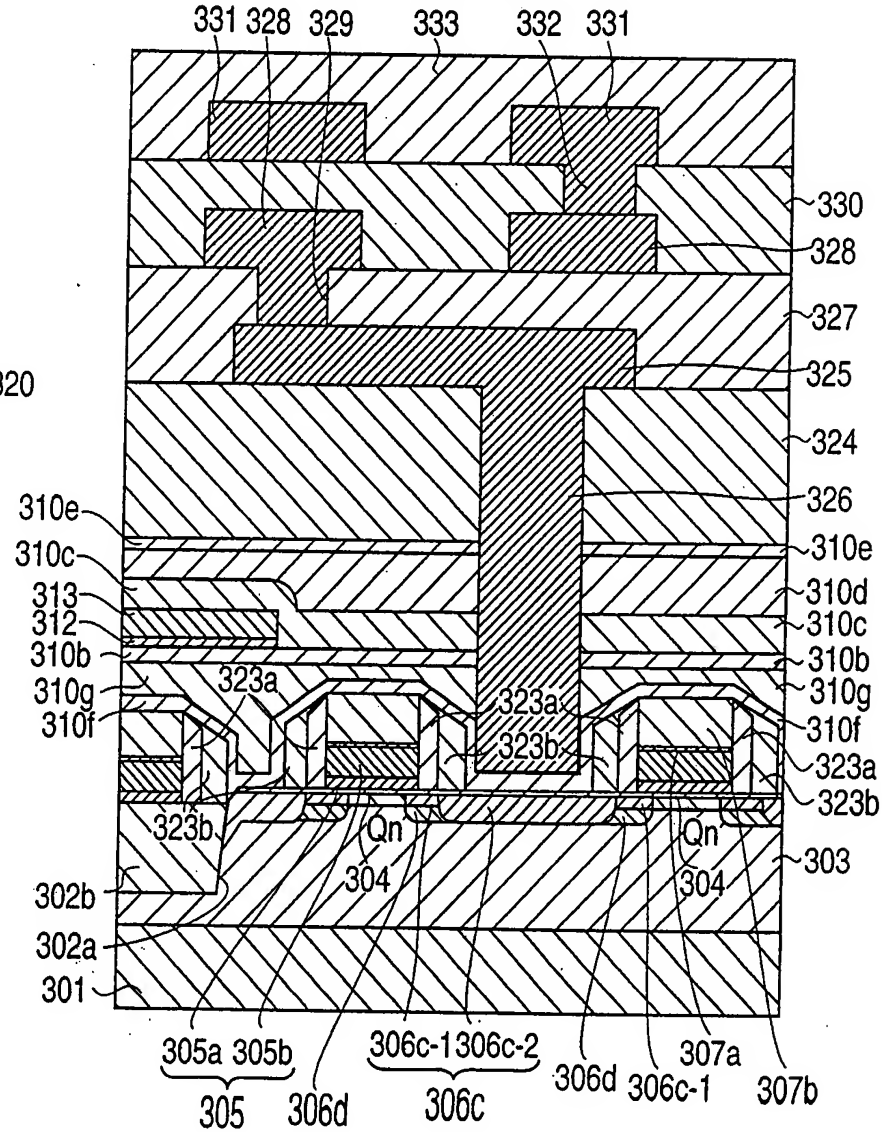

FIG. 51

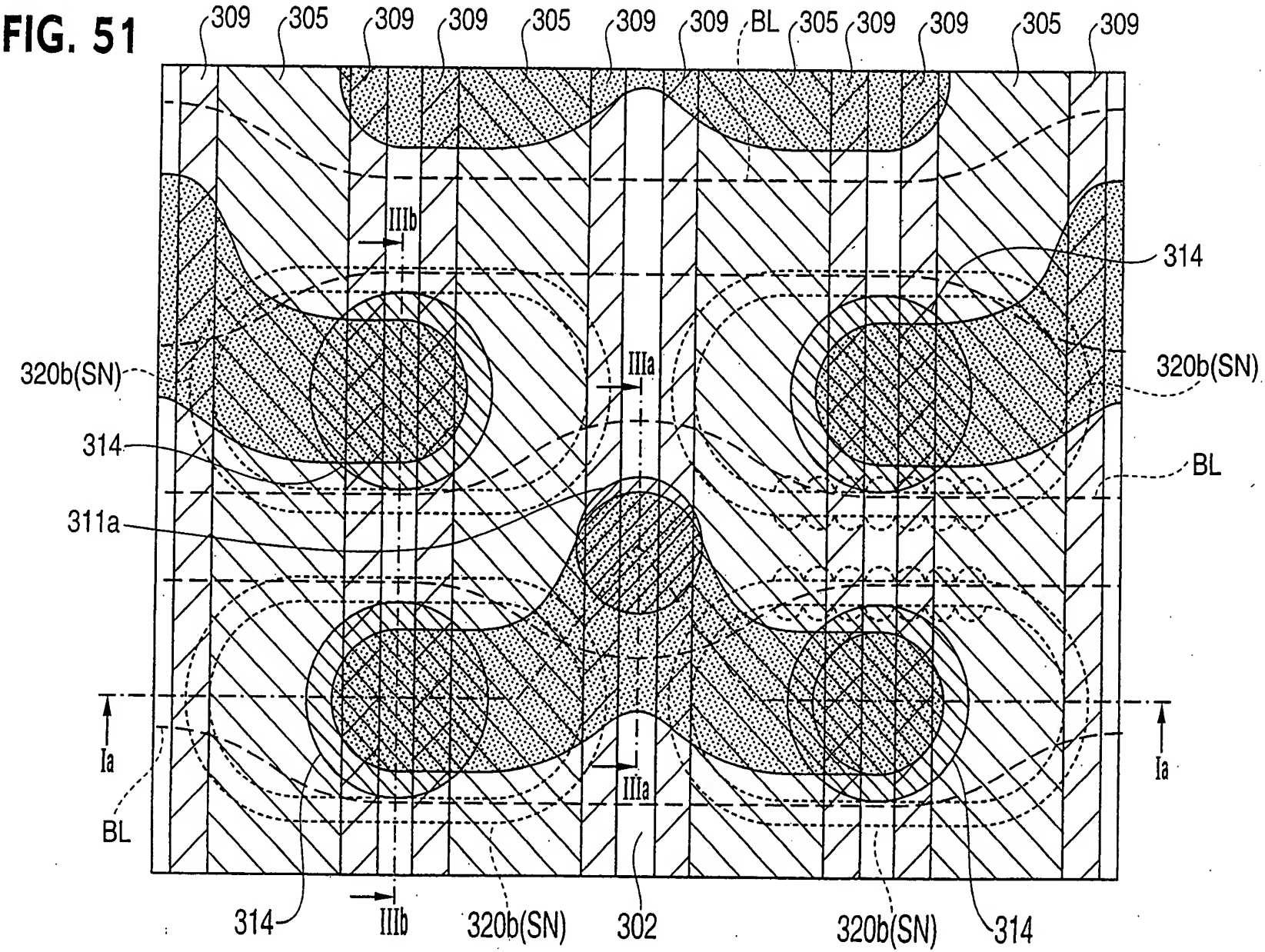
309
305
309
309
305
309
309
BL
305
309
309
305
309
IIIb
314
320b(SN)
IIIa
320b(SN)
314
BL
311a
Ia
Ia
BL
IIIa
314
IIIb
320b(SN)
302
320b(SN)
314

FIG. 52(a)

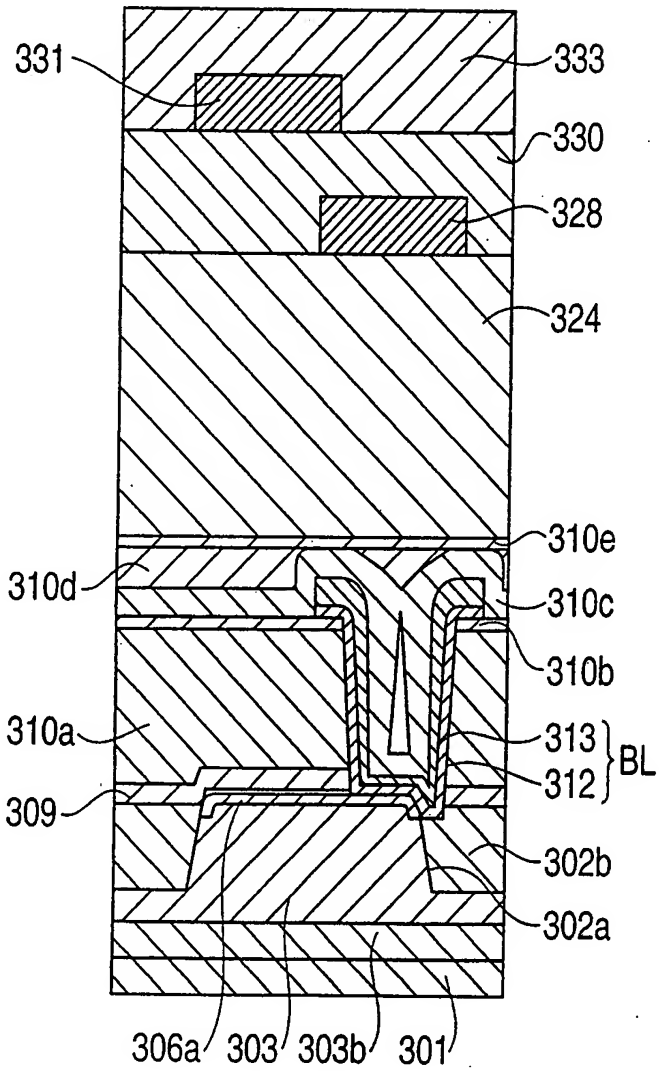

FIG. 52(a)

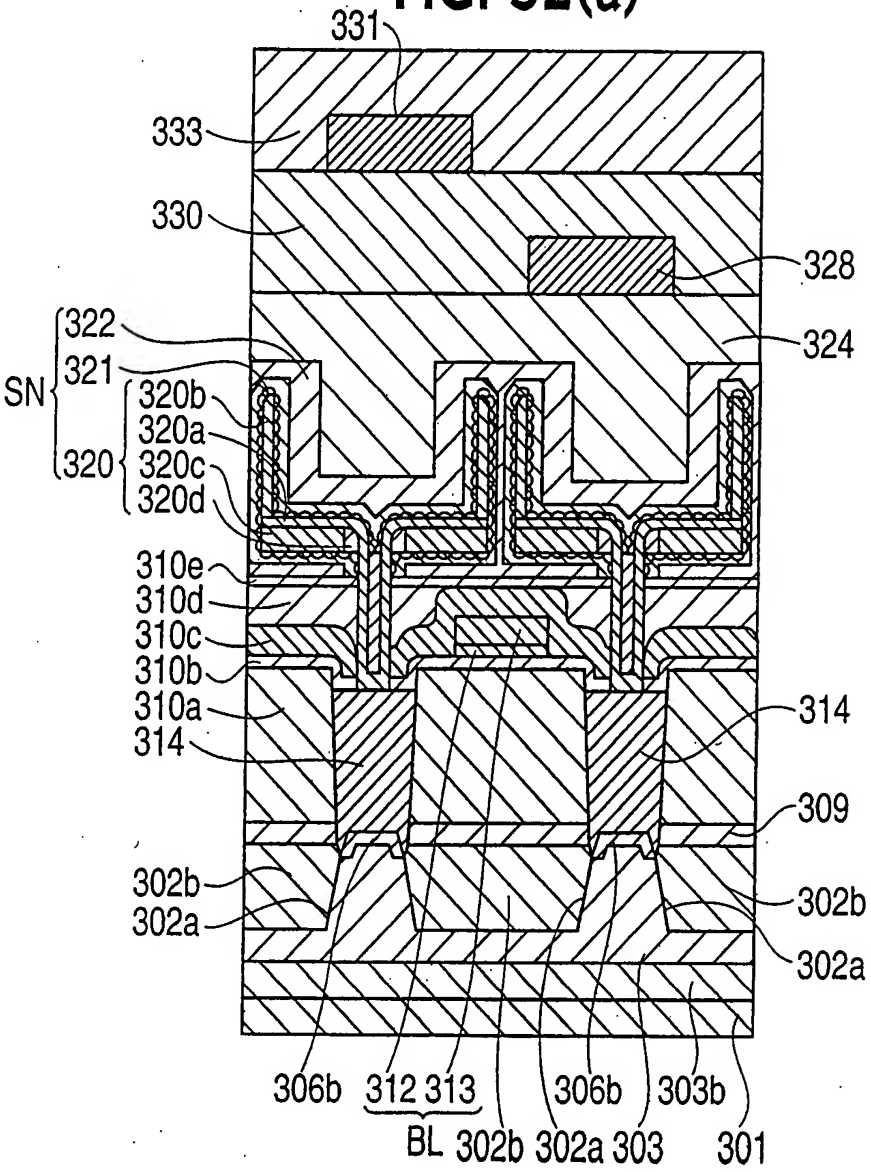

FIG. 53(a)

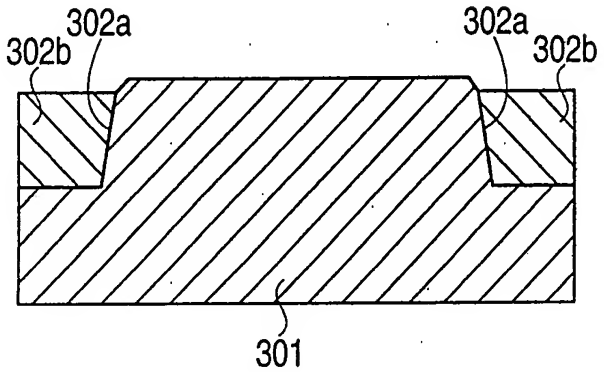

FIG. 53(b)

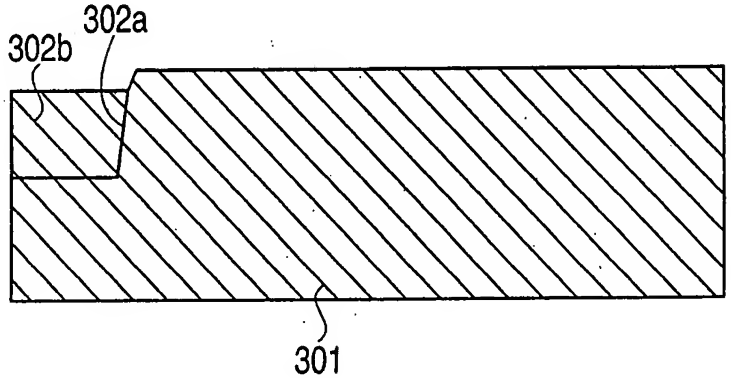

FIG. 54(a)

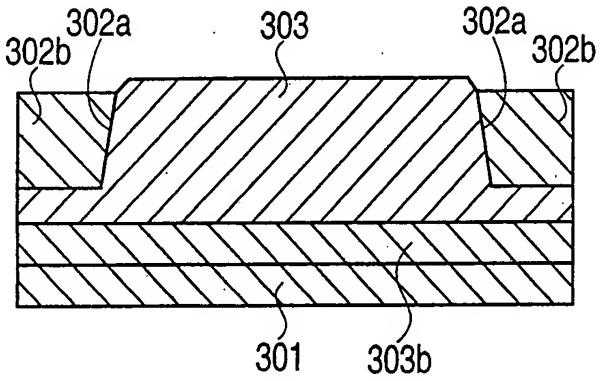

FIG. 54(b)

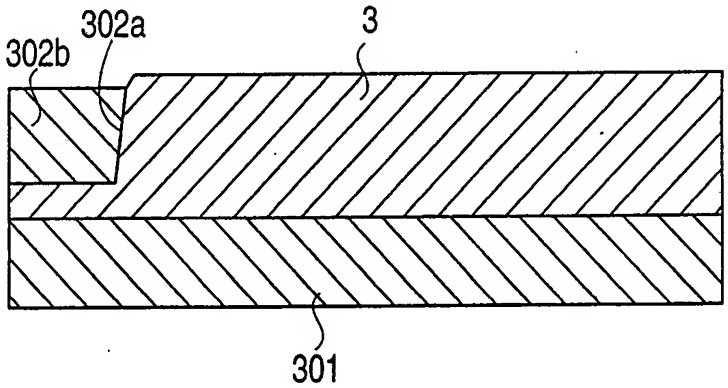

FIG. 55(a)

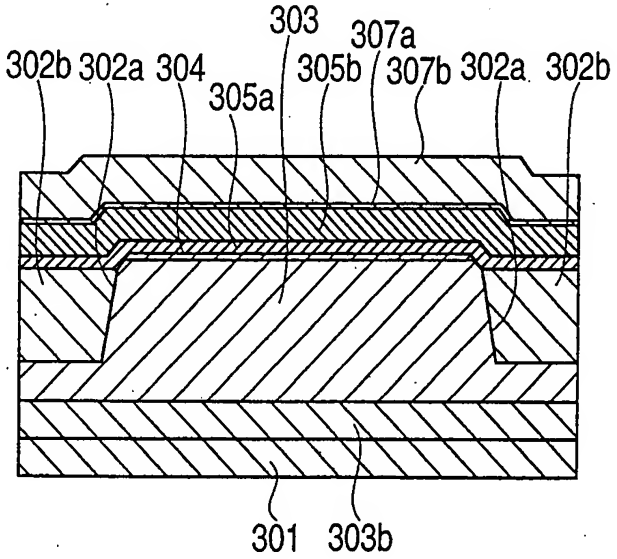

FIG. 55(b)

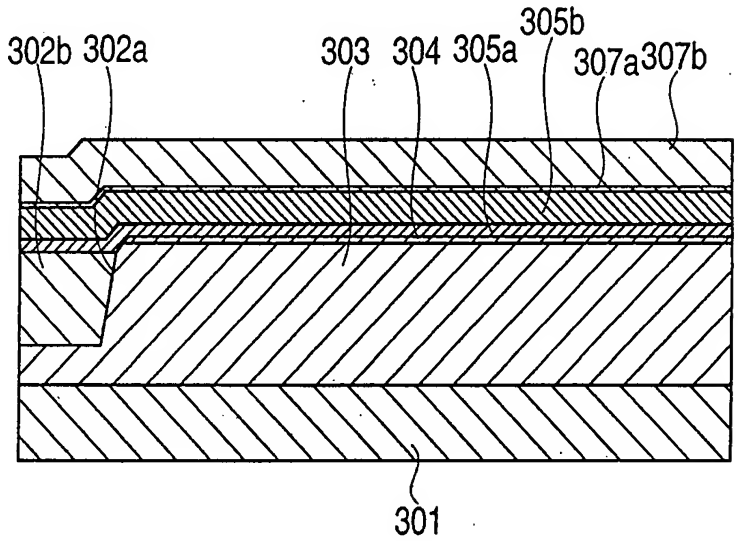

FIG. 56(a)

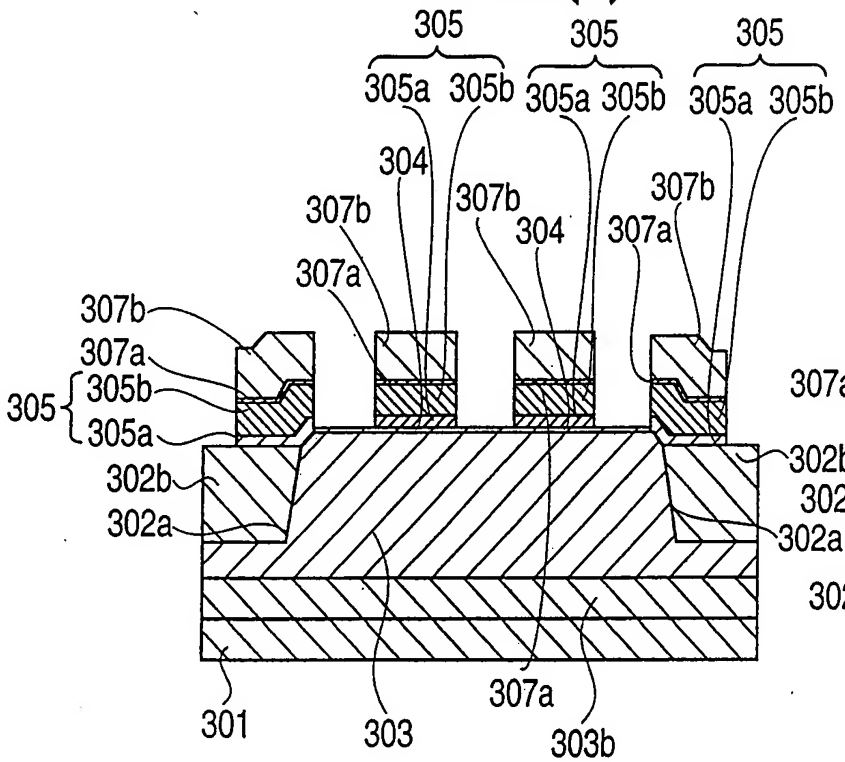

FIG. 56(b)

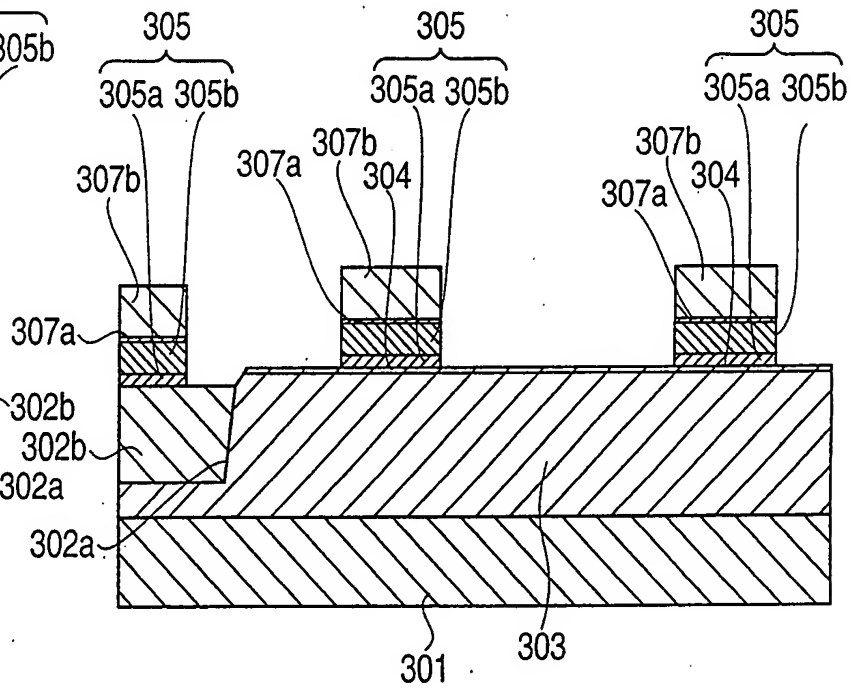

FIG. 57(a)

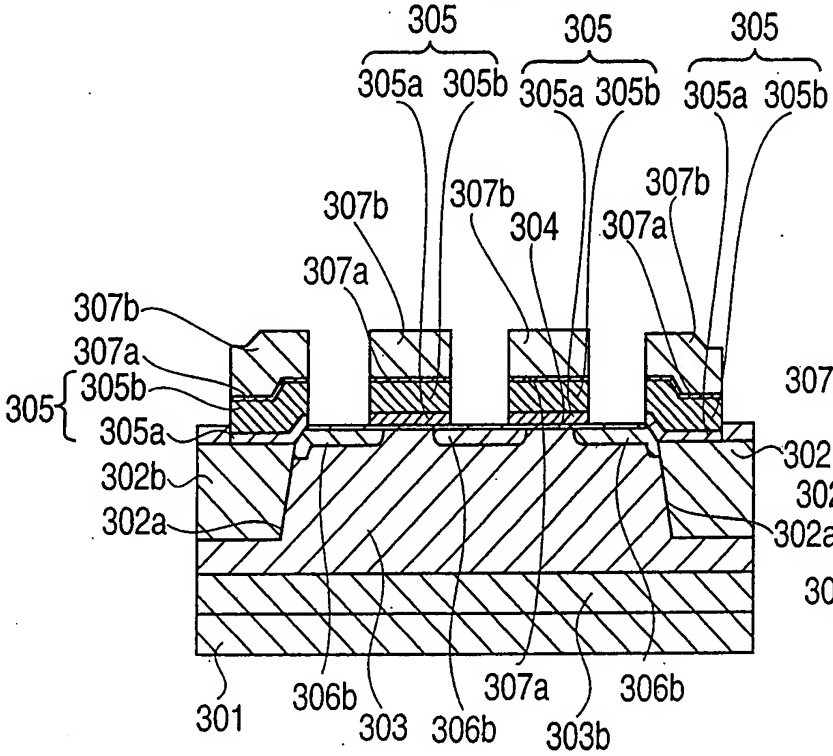

FIG. 57(b)

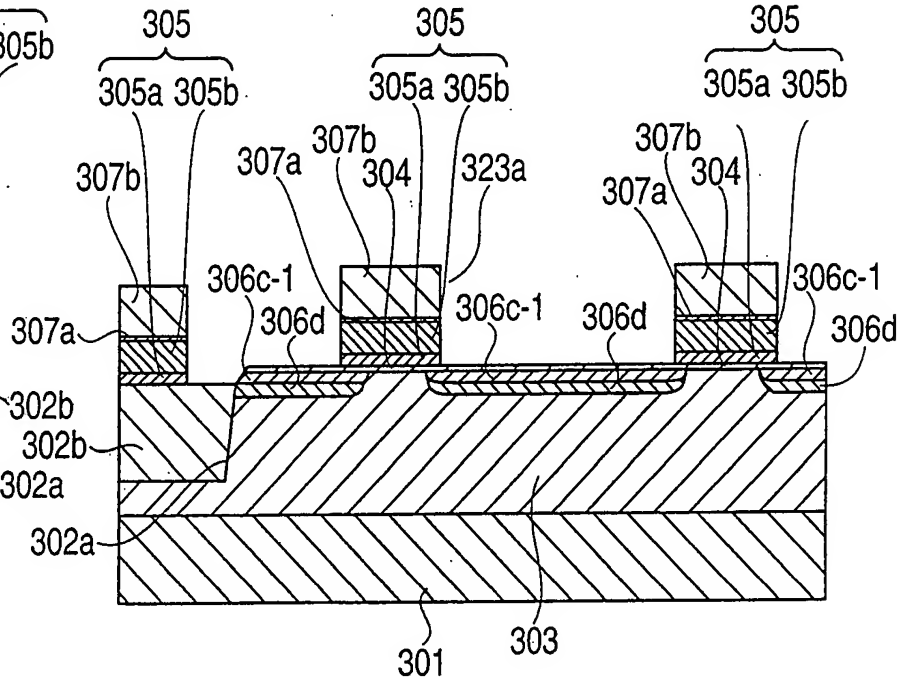

FIG. 58(a)

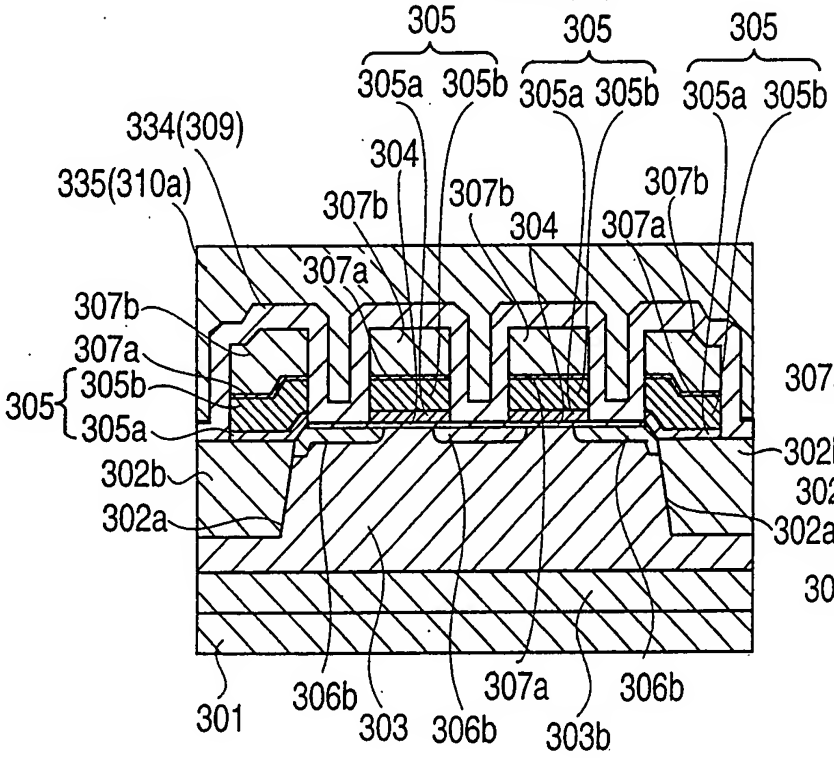

FIG. 58(b)

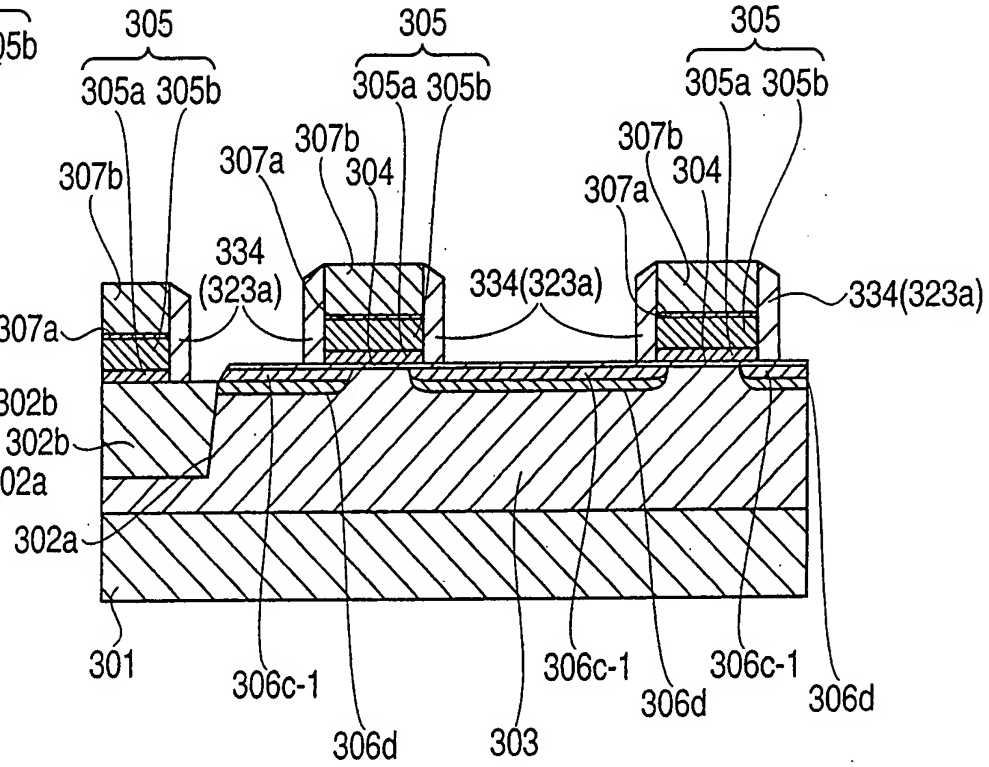

FIG. 59(a)

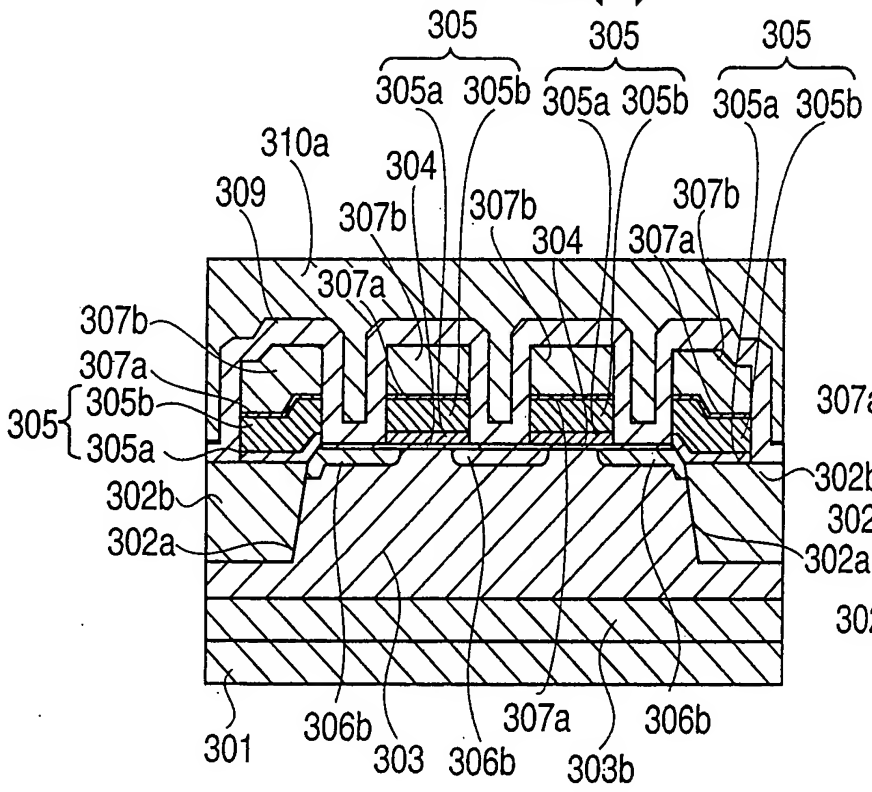

FIG. 59(b)

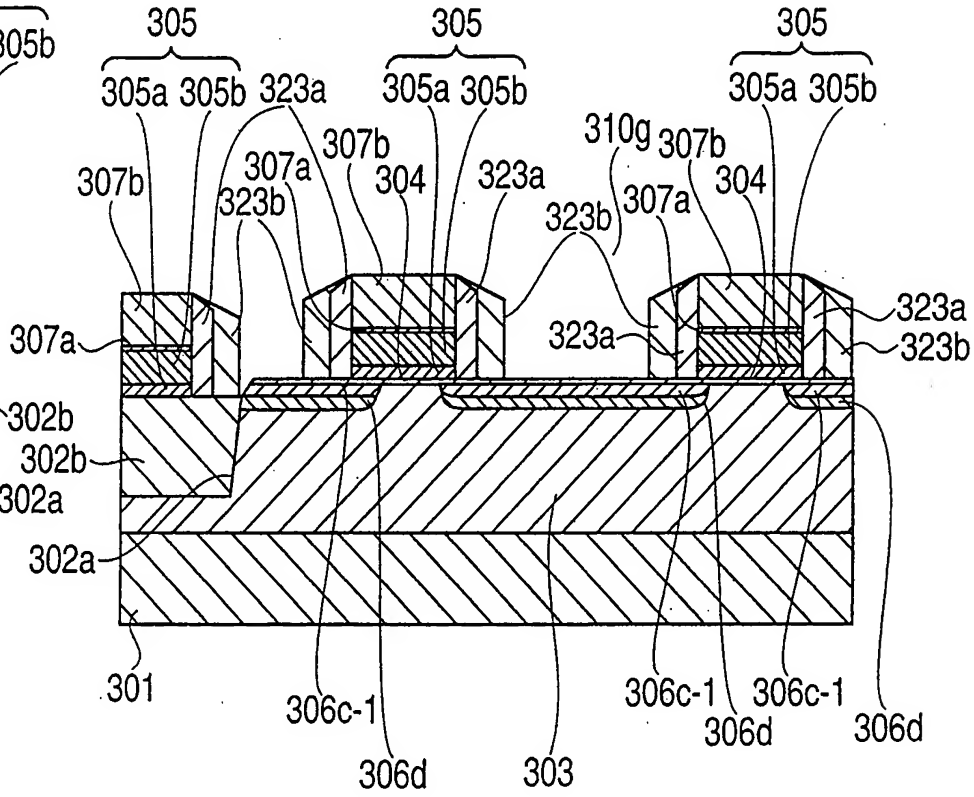

FIG. 60(a)

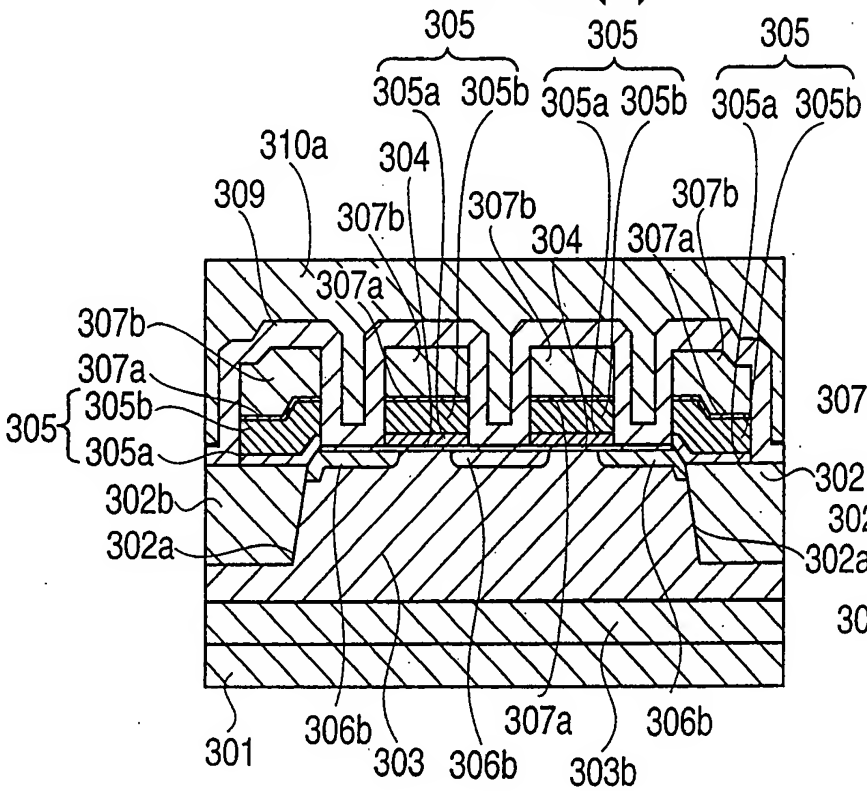

FIG. 60(b)

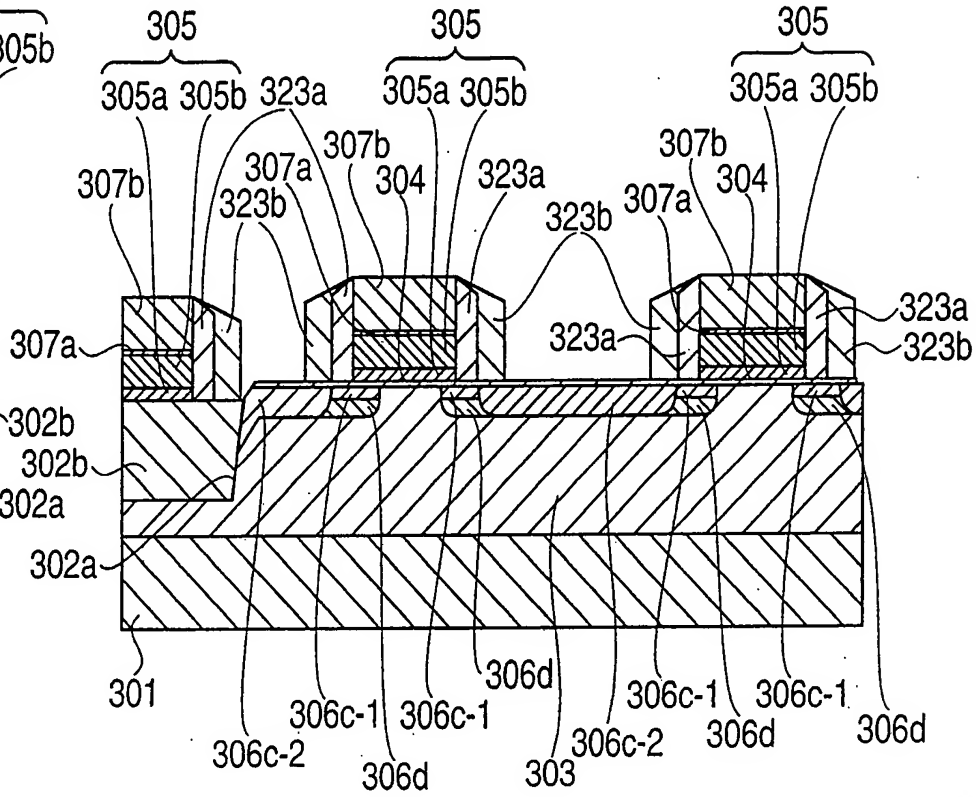

FIG. 61(a)

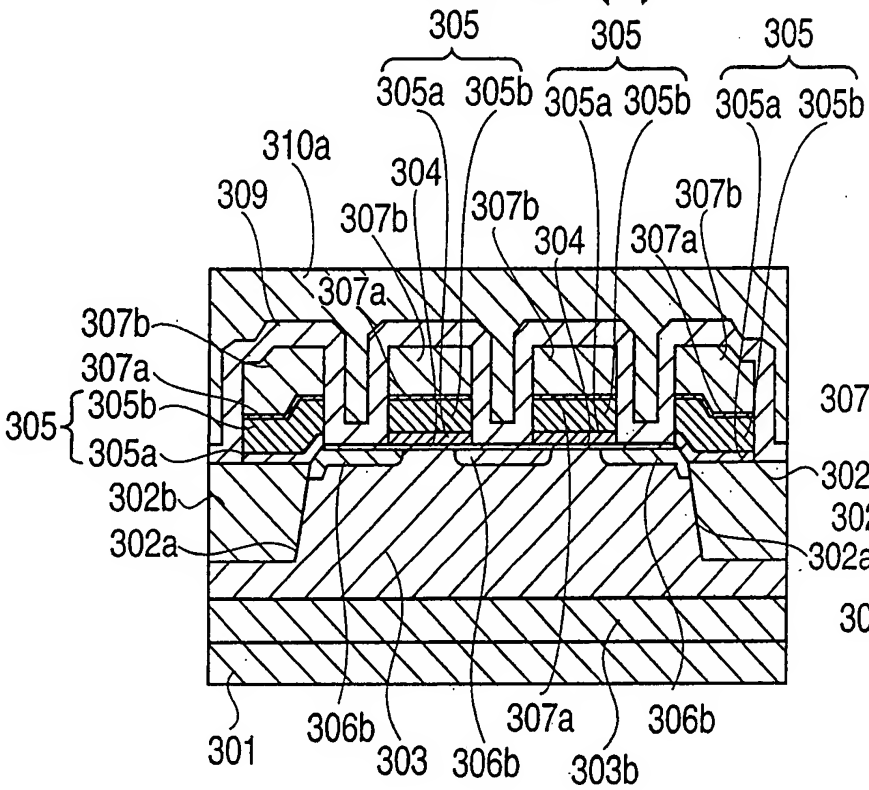

FIG. 61(b)

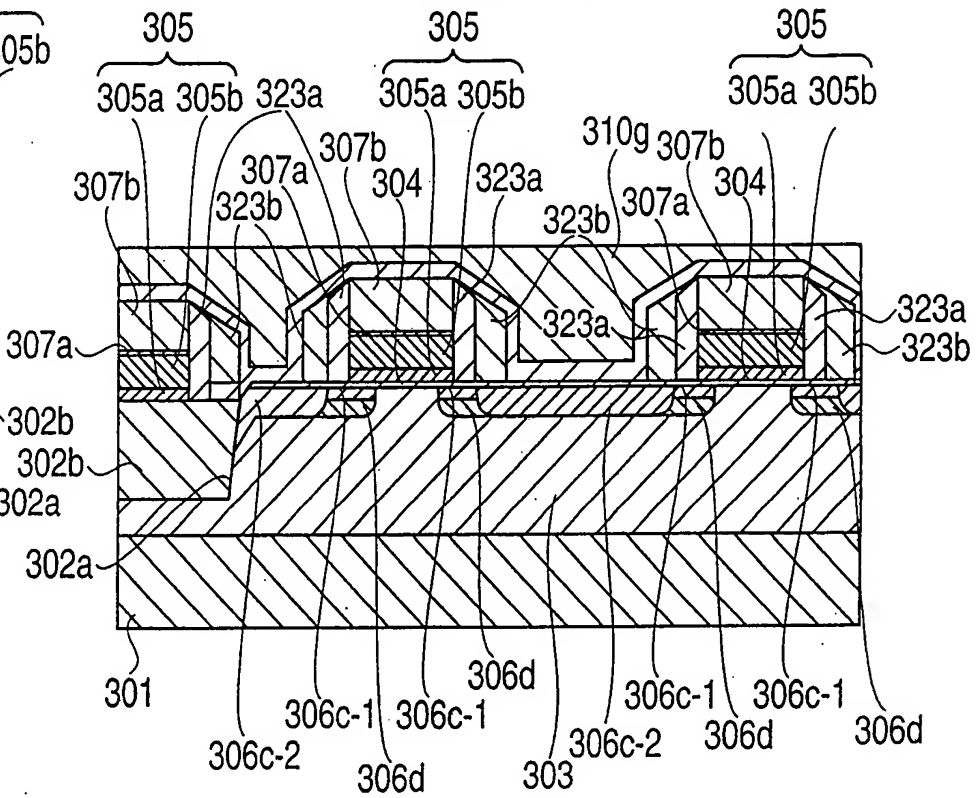

FIG. 62(a)

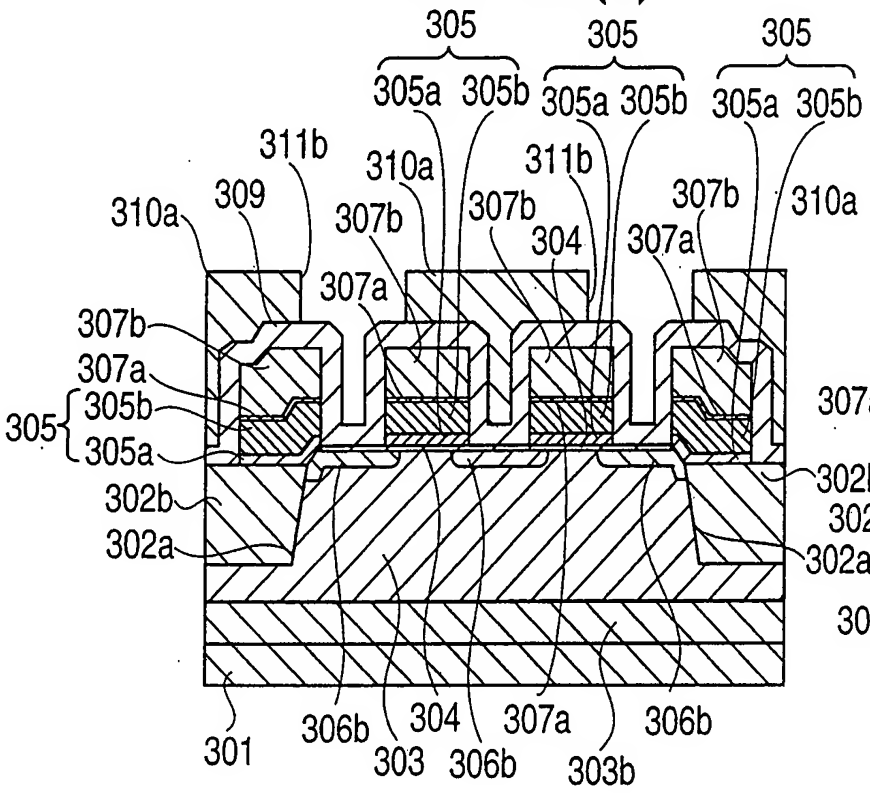

FIG. 62(b)

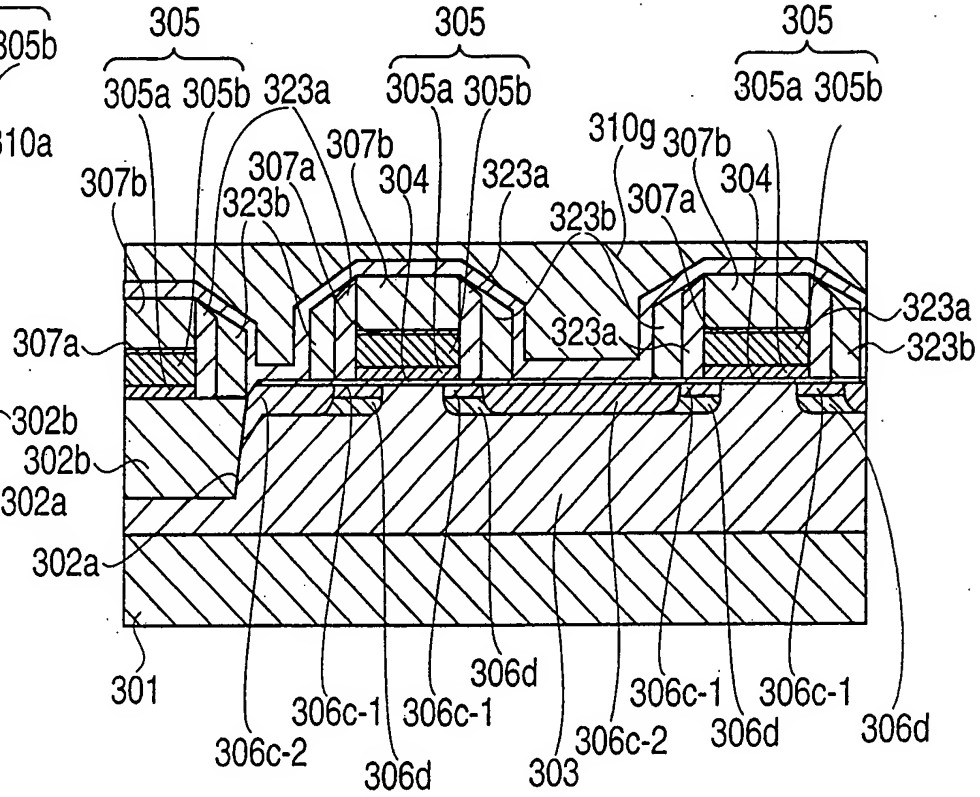

FIG. 63(a)

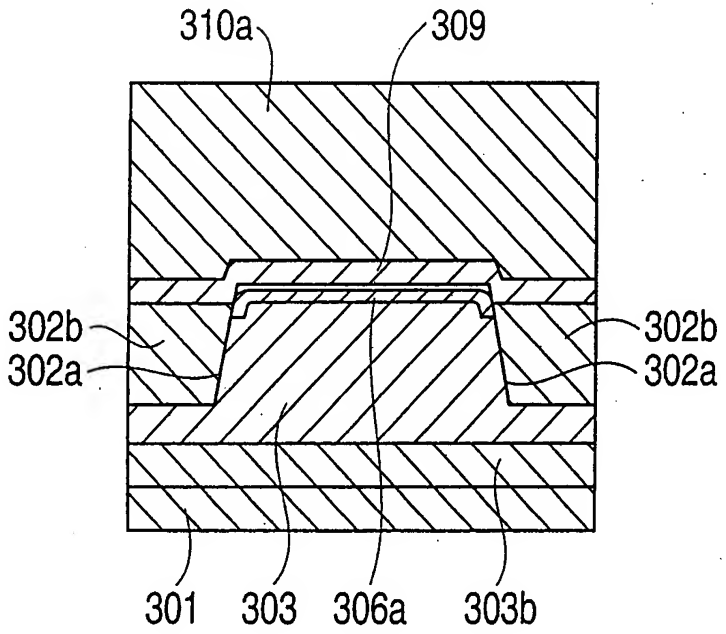

FIG. 63(b)

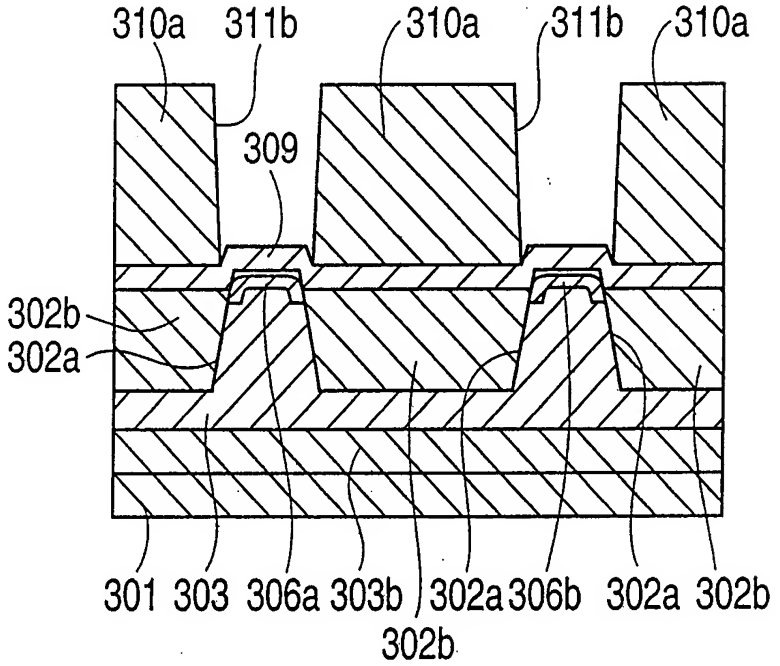

FIG. 64(a)

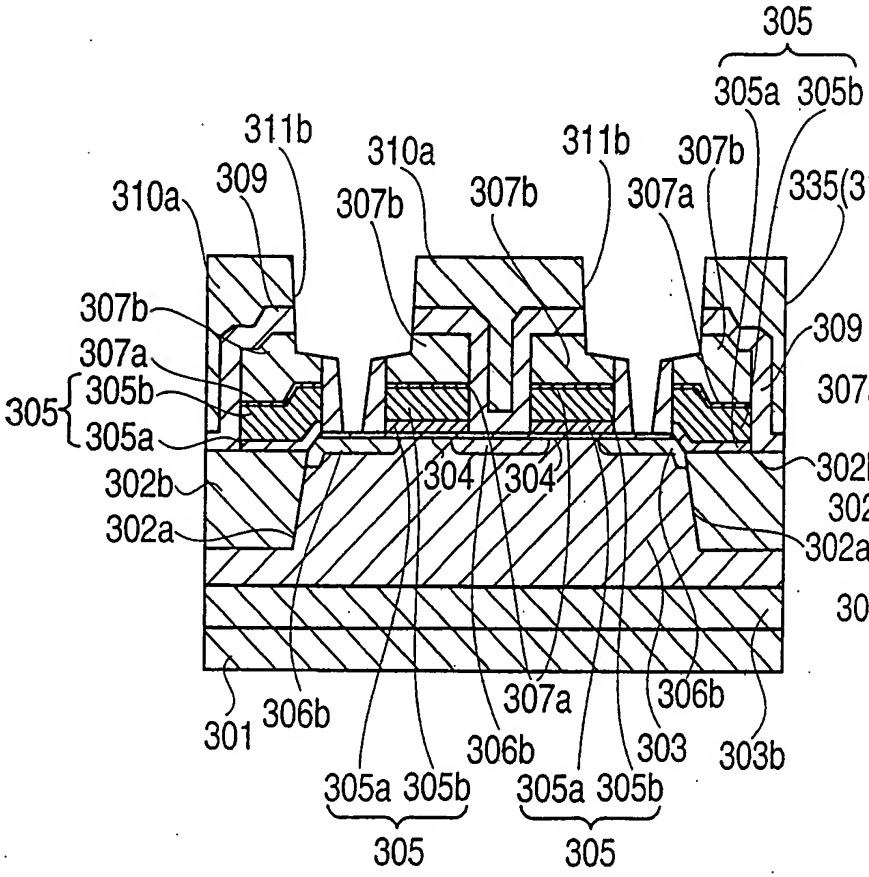

FIG. 64(b)

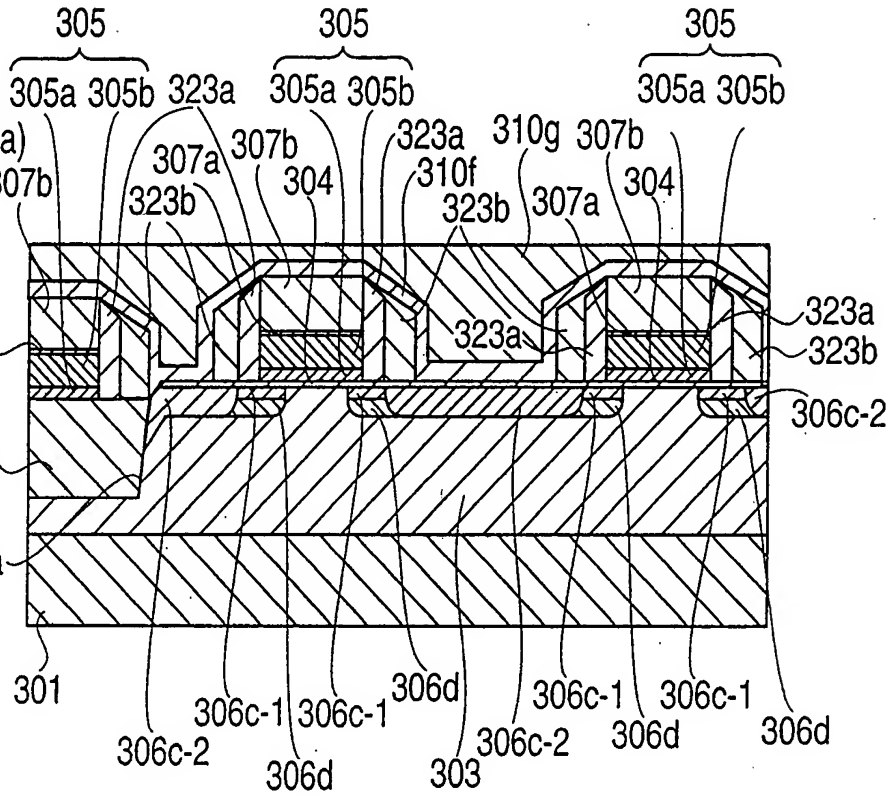

FIG. 65(a)

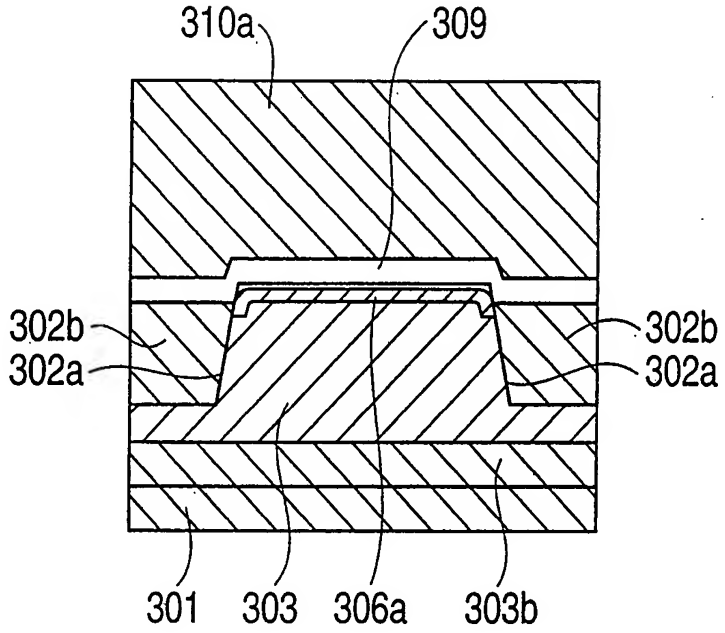

FIG. 65(b)

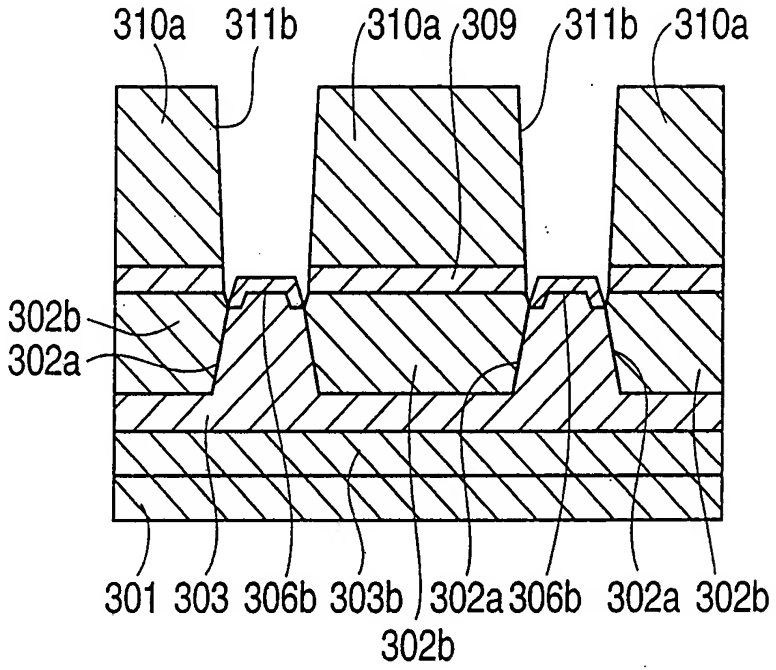

FIG. 66(a)

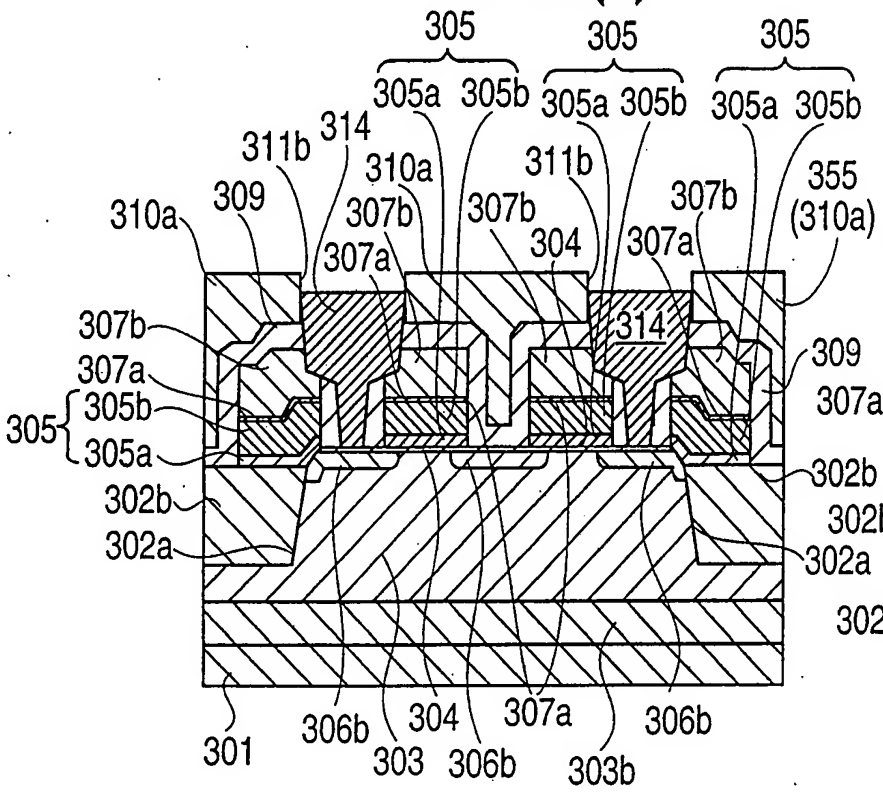

FIG. 66(b)

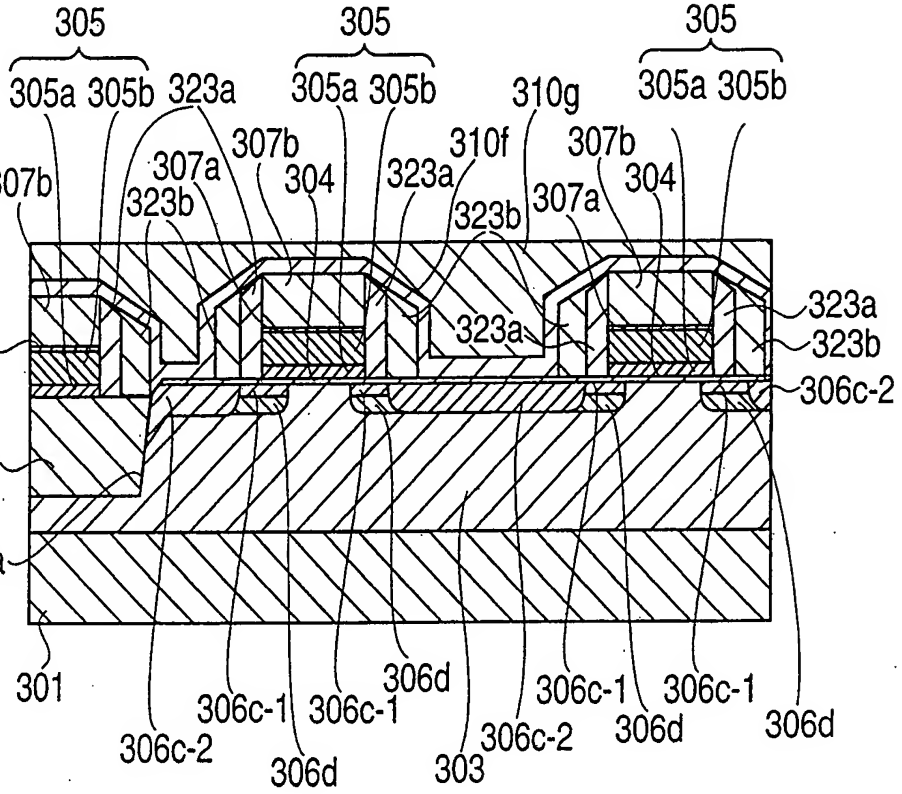

FIG. 67(a)

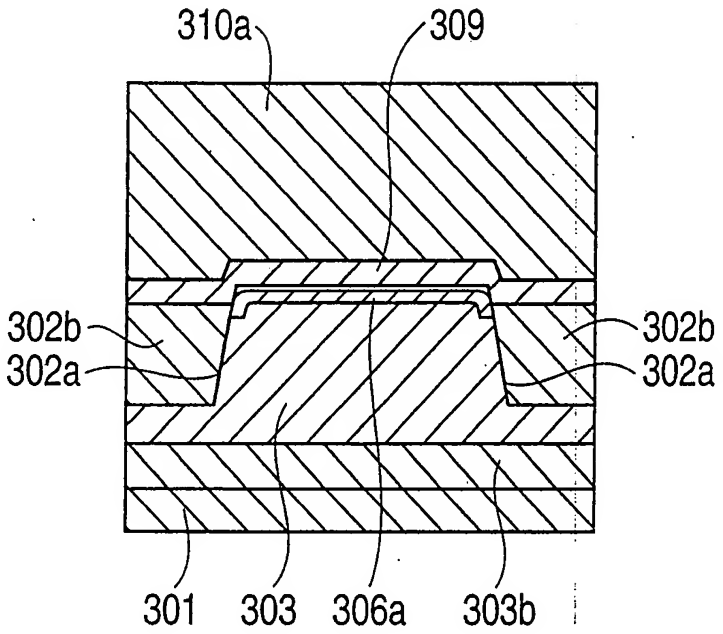

FIG. 67(b)

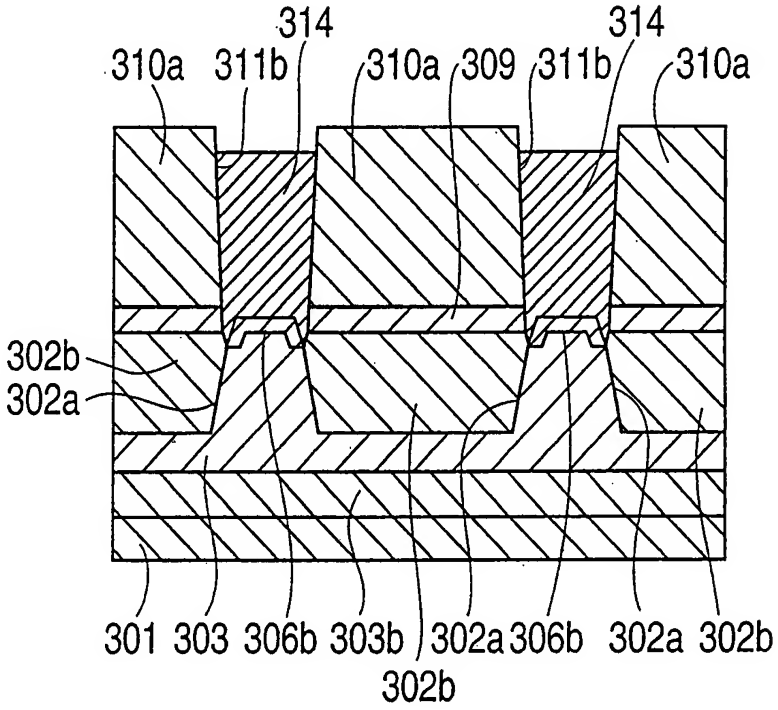

FIG. 68(a)

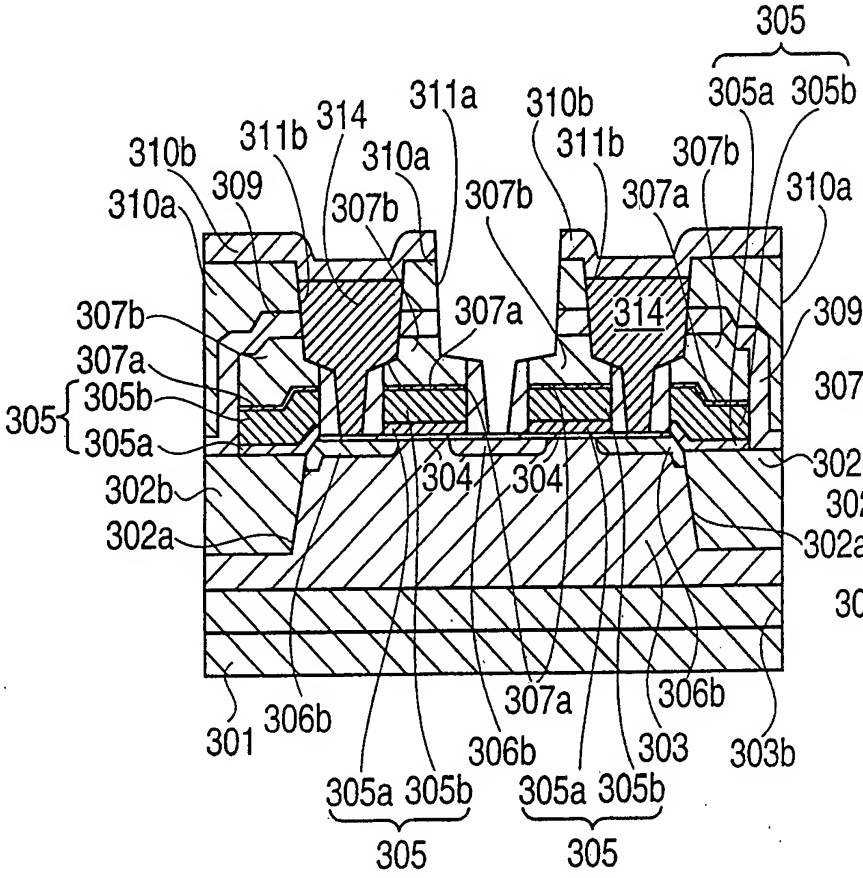

FIG. 68(b)

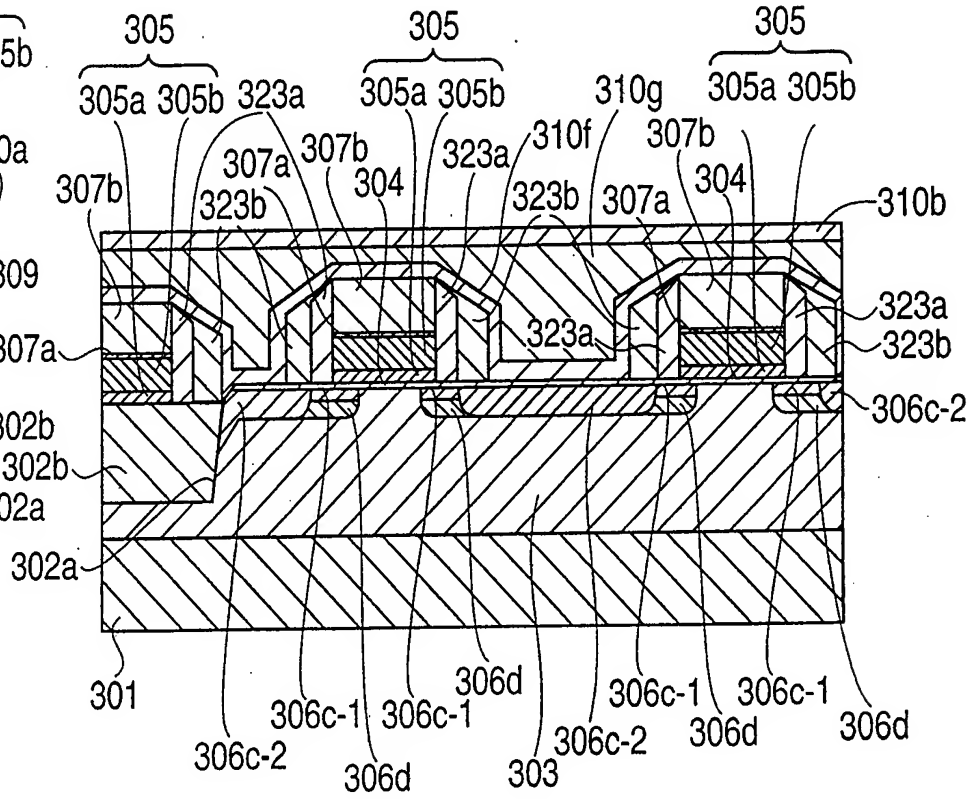

FIG. 69(a)

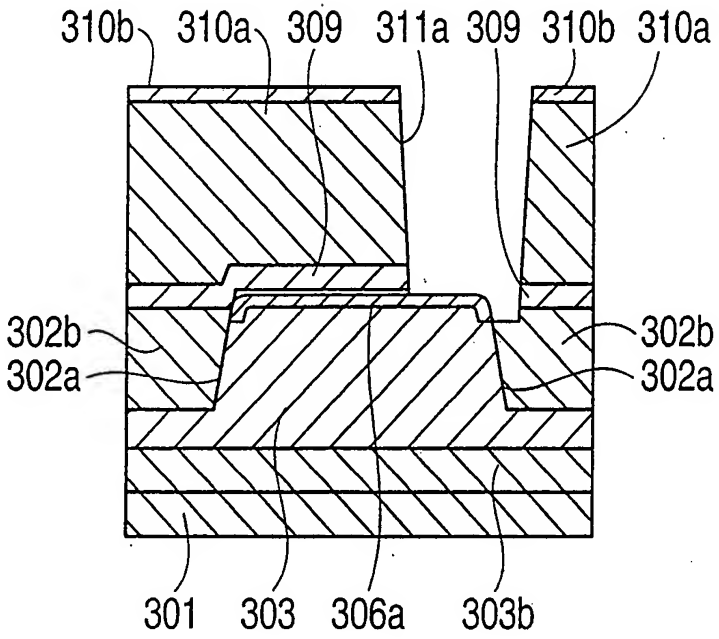

FIG. 69(b)

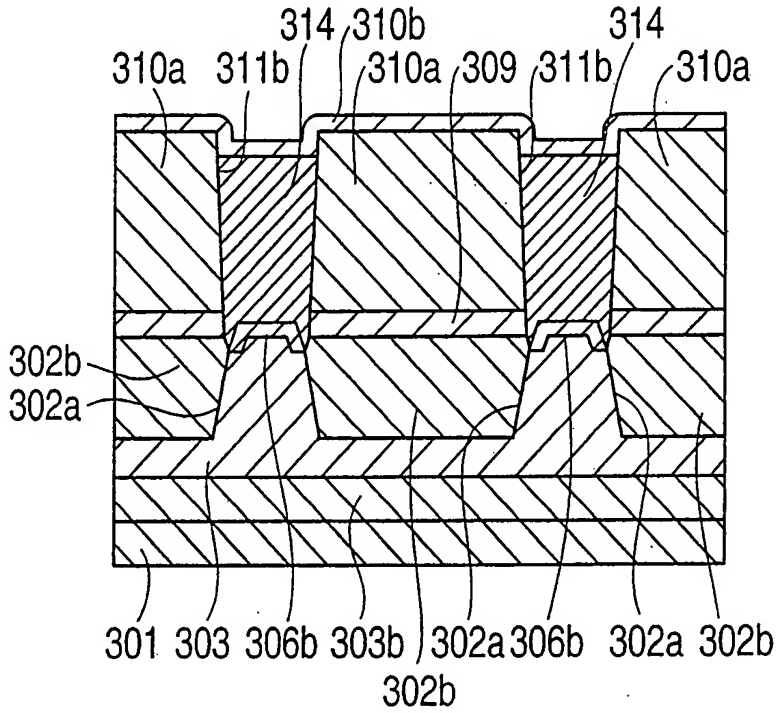

FIG. 70(a)

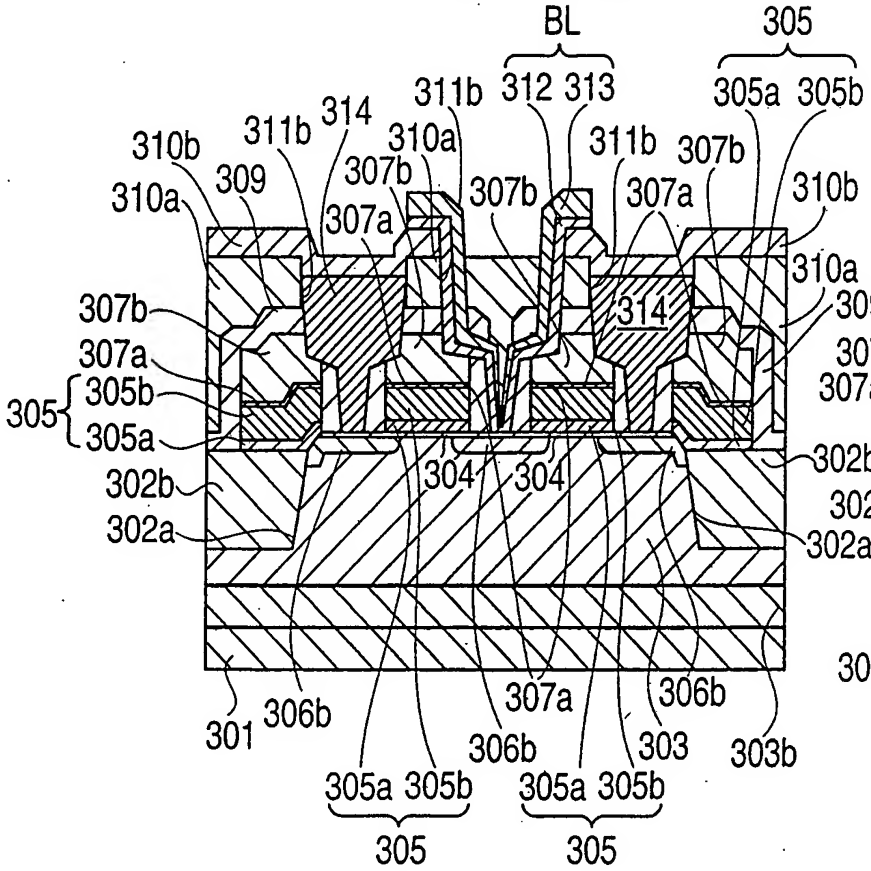

FIG. 70(b)

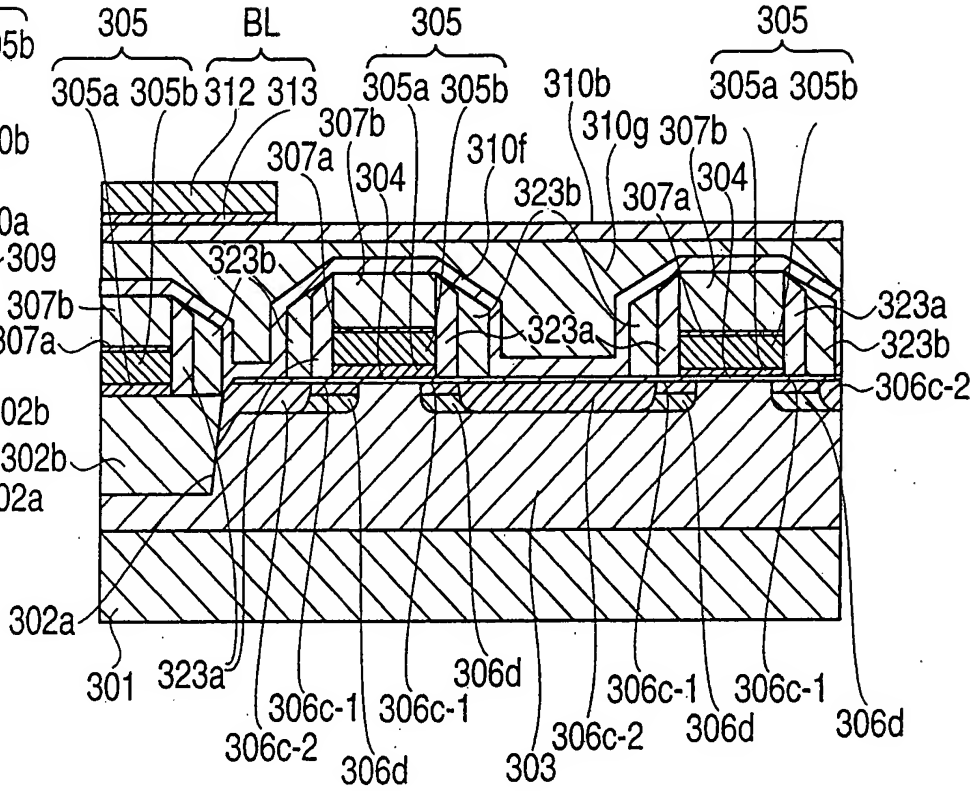

FIG. 71(a)

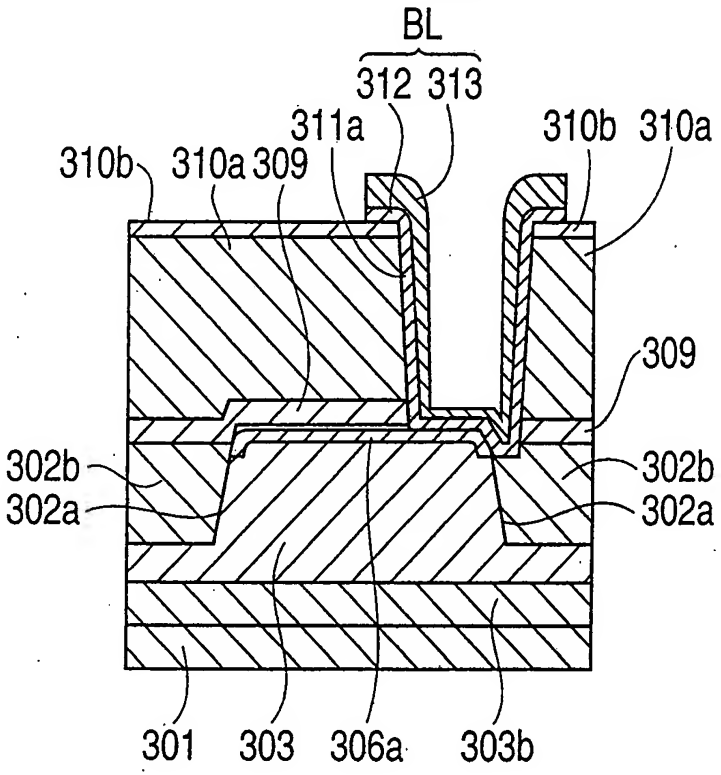

FIG. 71(a)

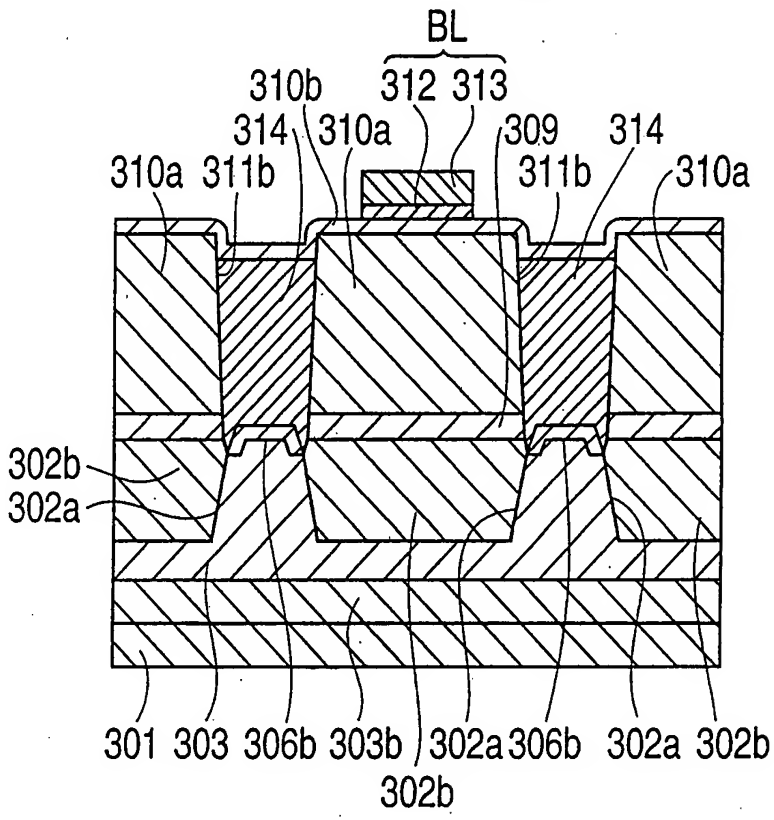

FIG. 72(a)

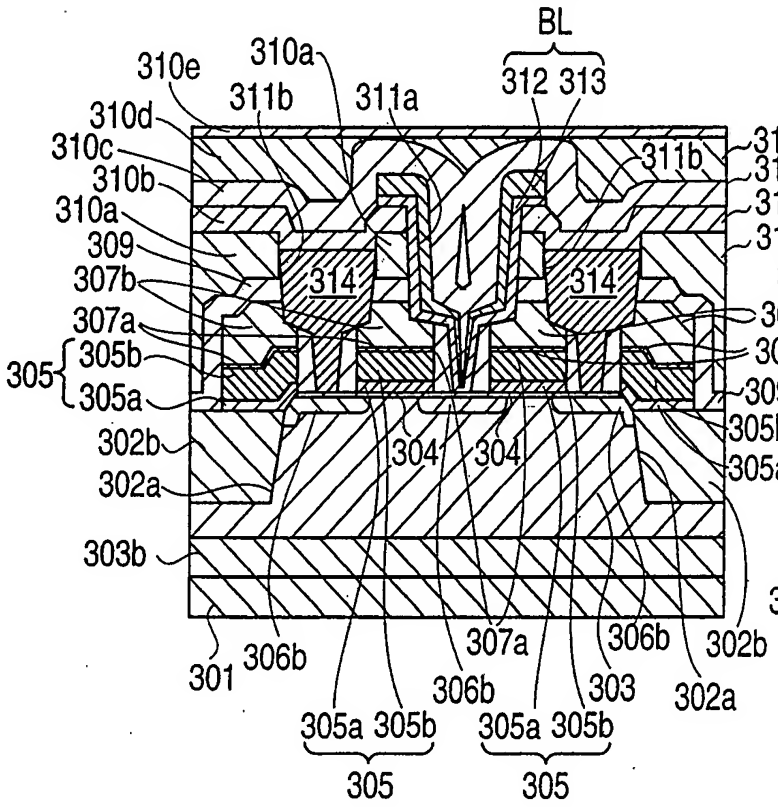

FIG. 72(b)

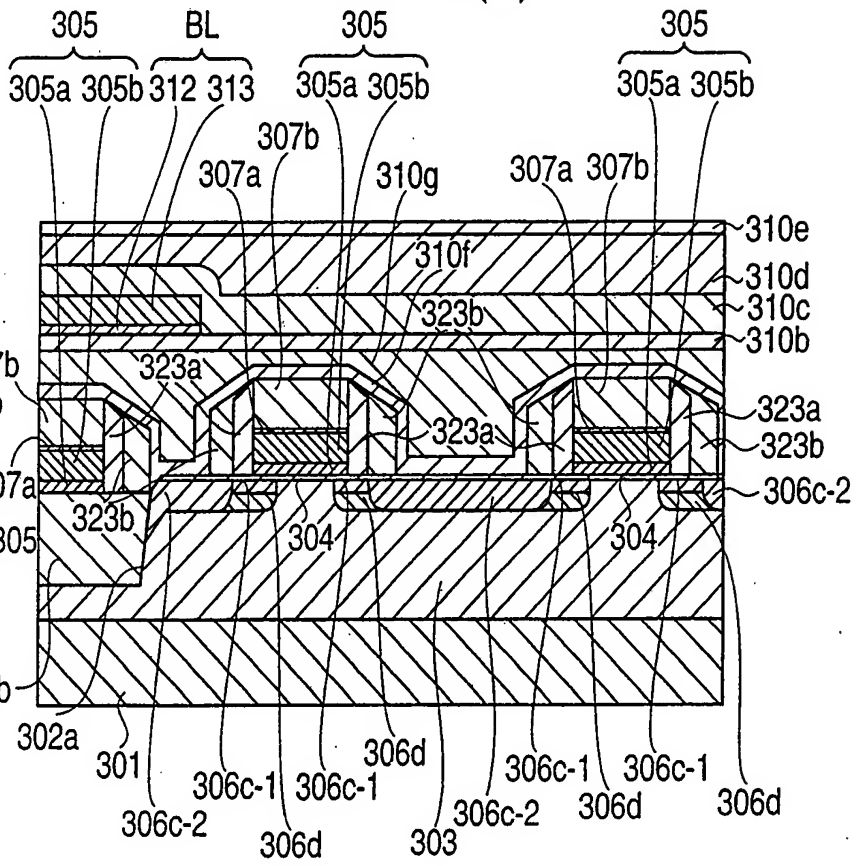

FIG. 73(a)

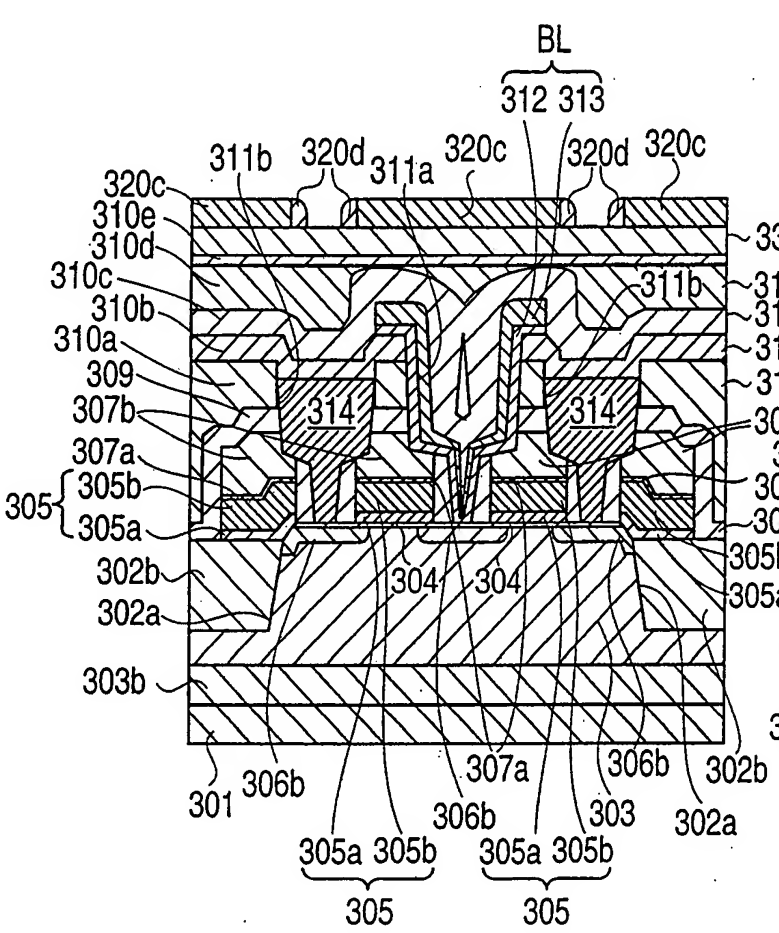

FIG. 73(b)

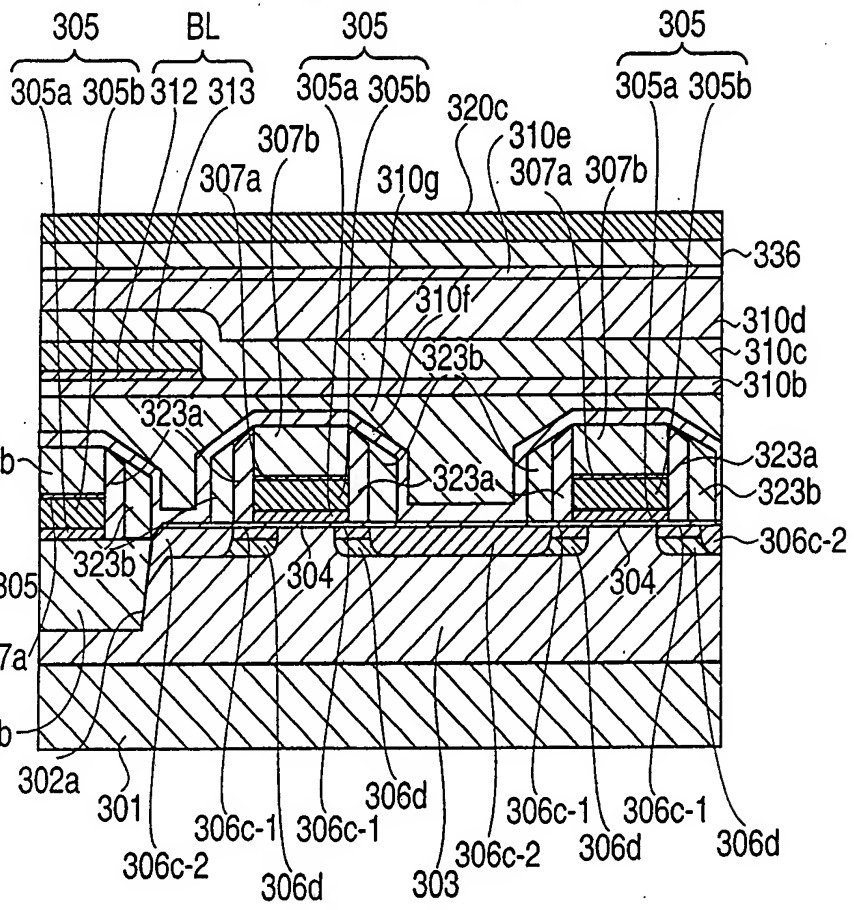

FIG. 74(a)

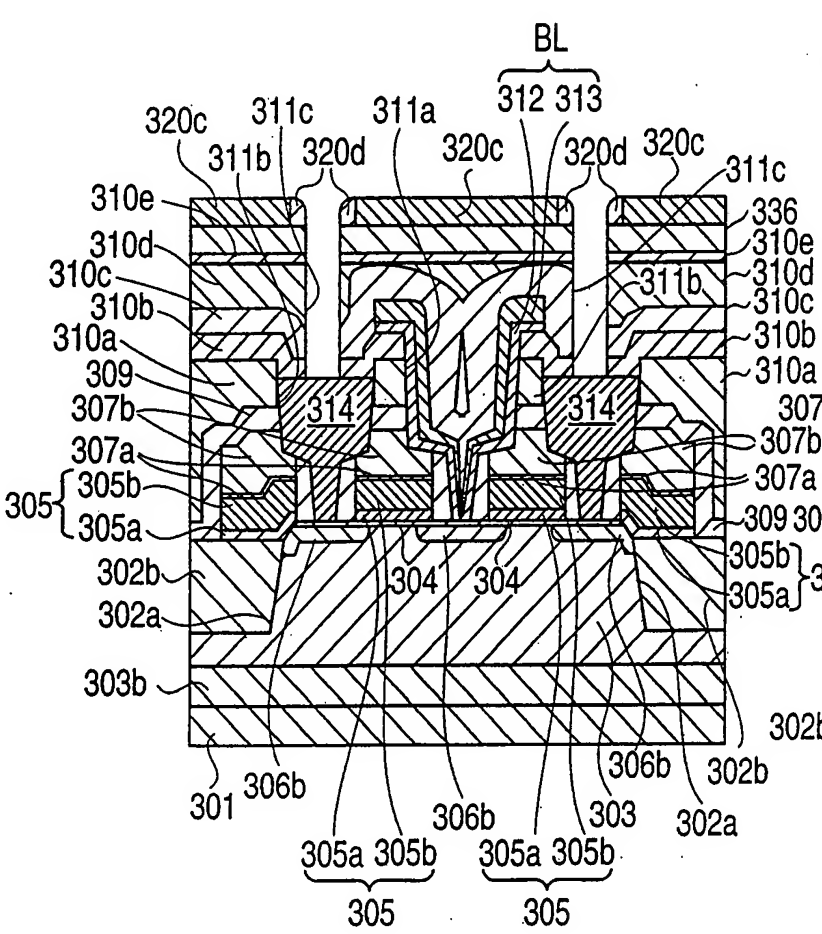

FIG. 74(b)

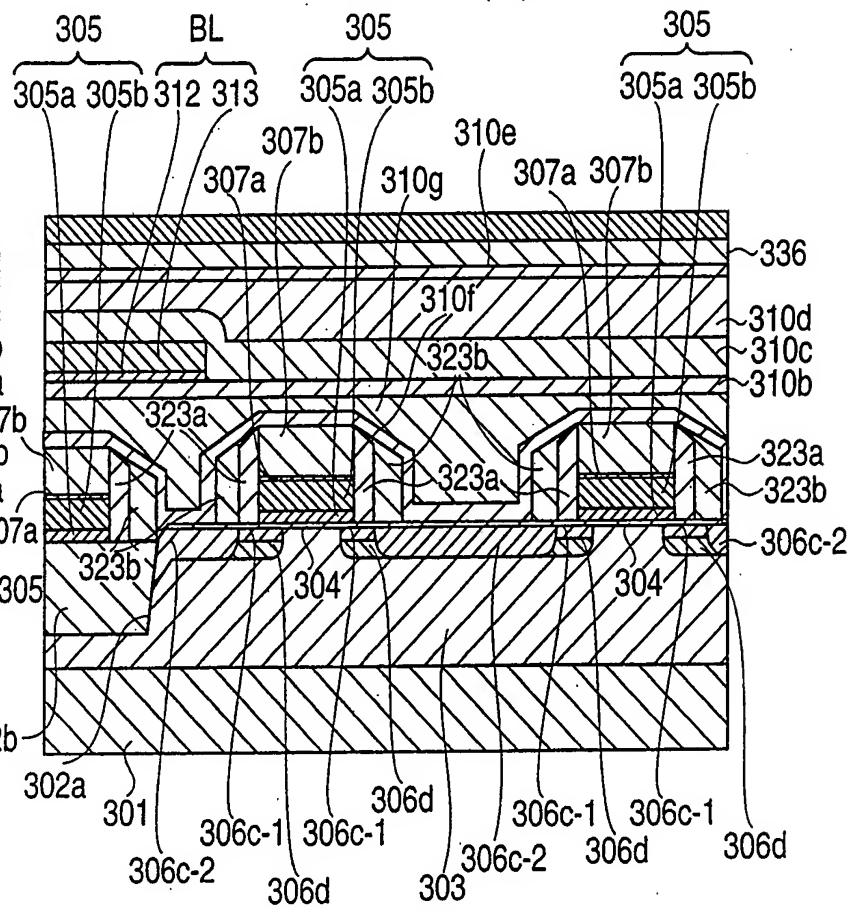

FIG. 75(a)

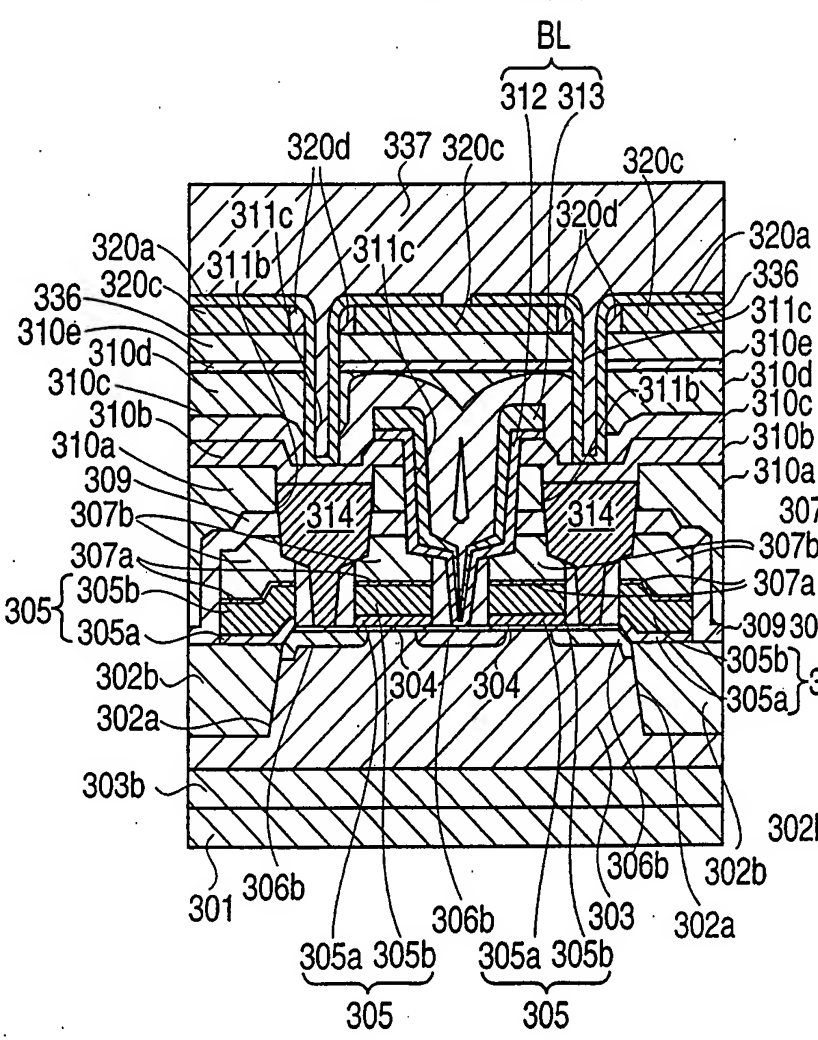

FIG. 75(b)

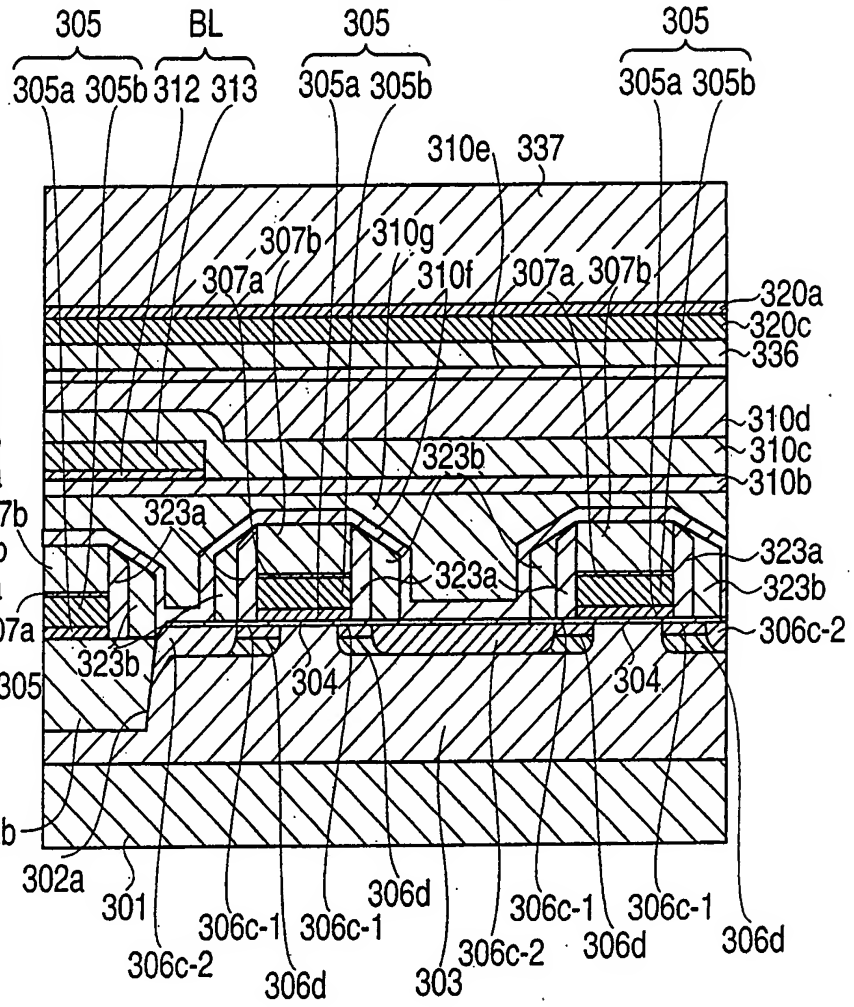

FIG. 76(a)

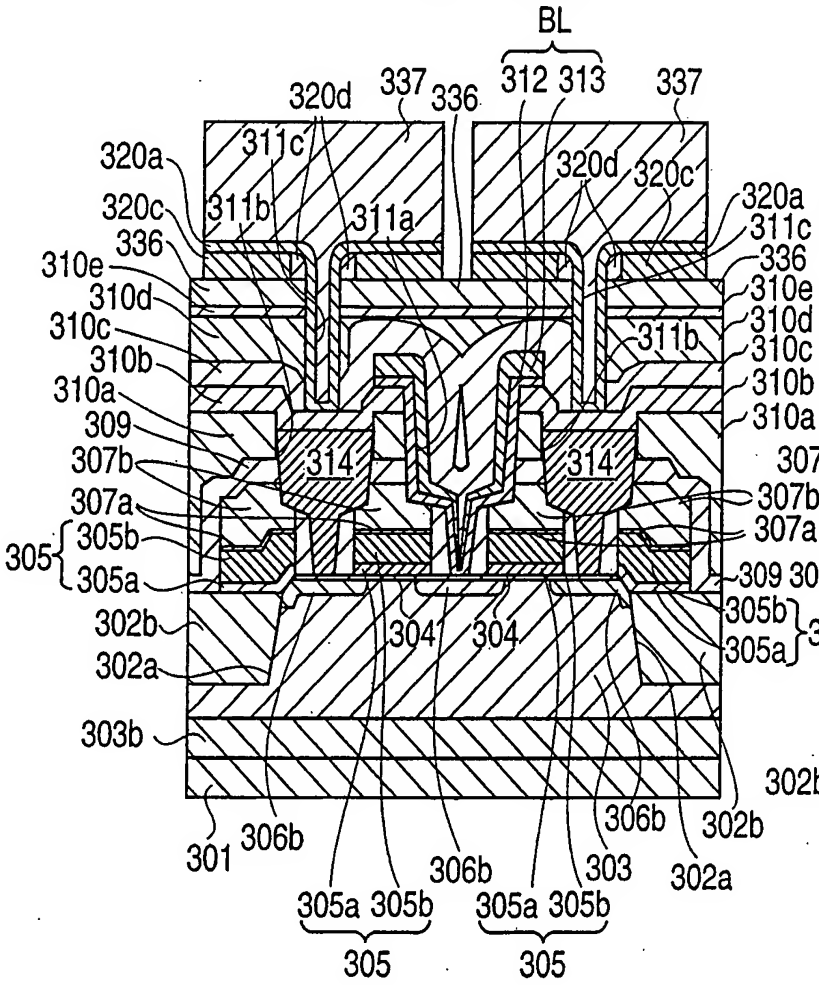

FIG. 76(b)

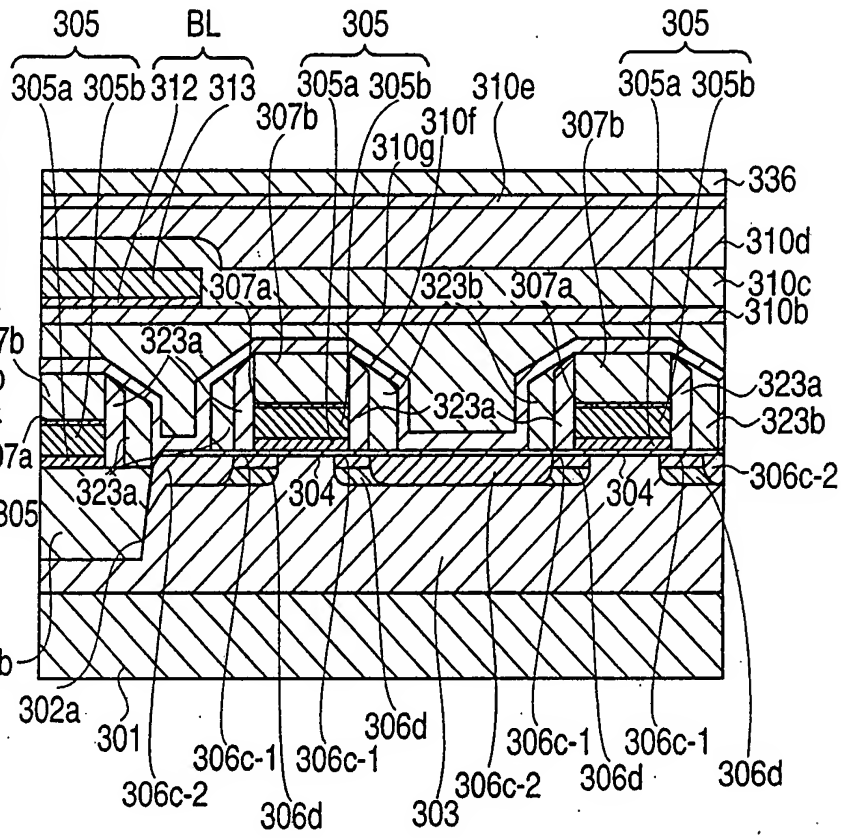

FIG. 77(a)

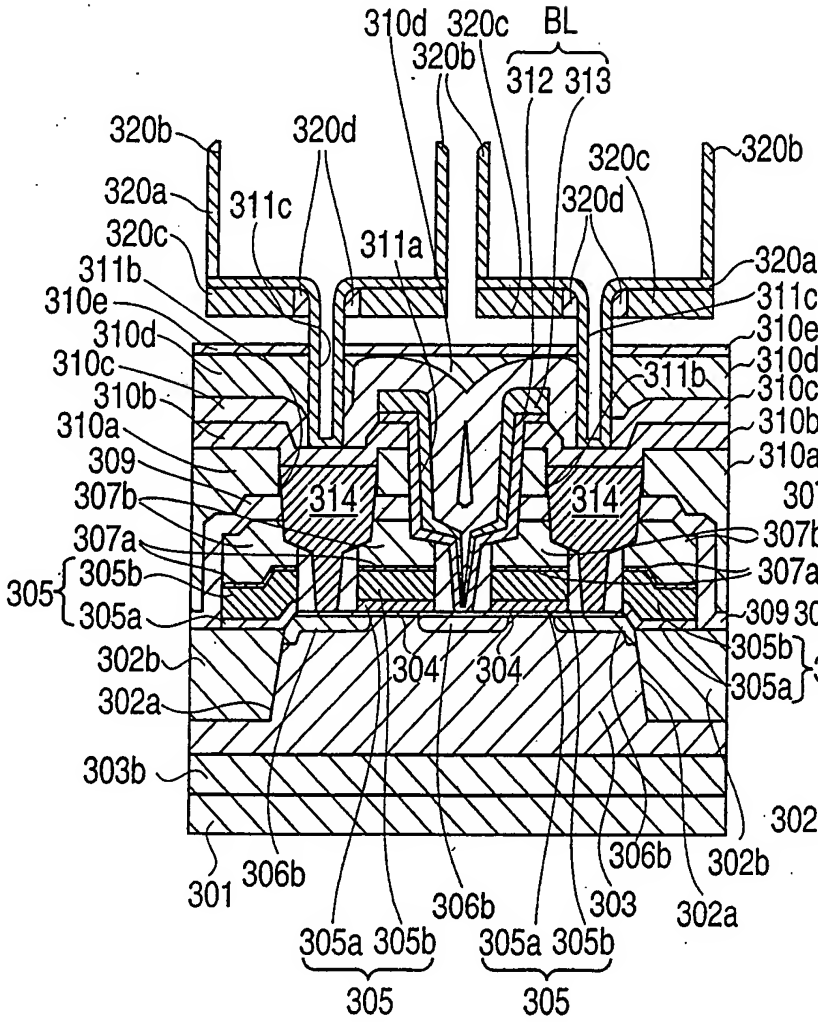

FIG. 77(b)

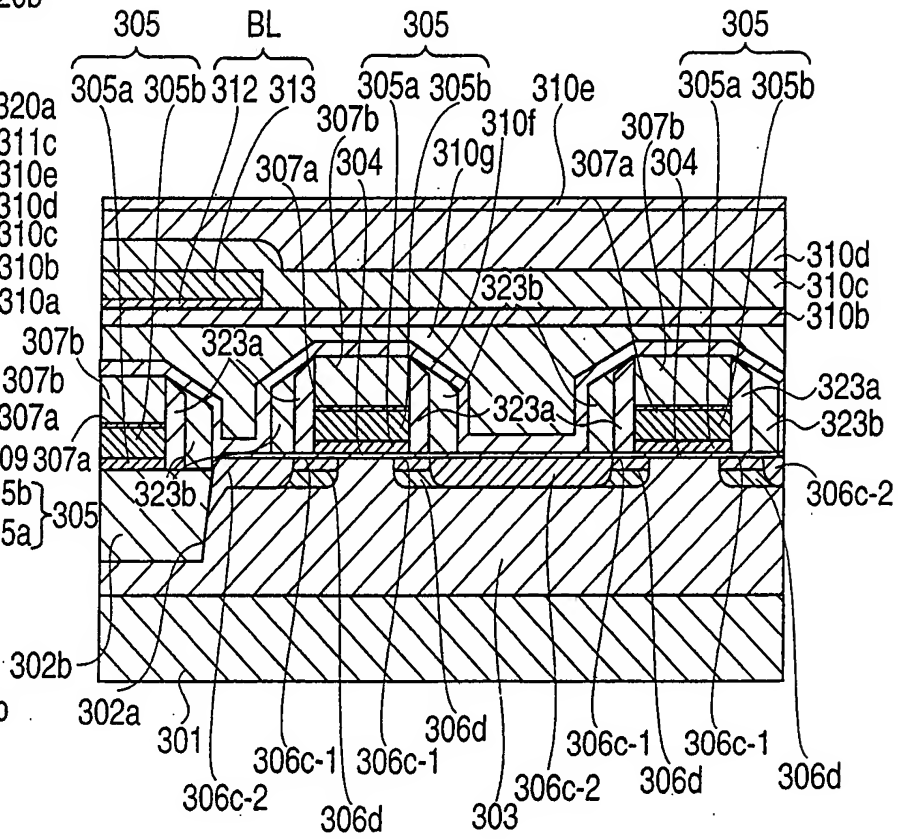

FIG. 78(a)

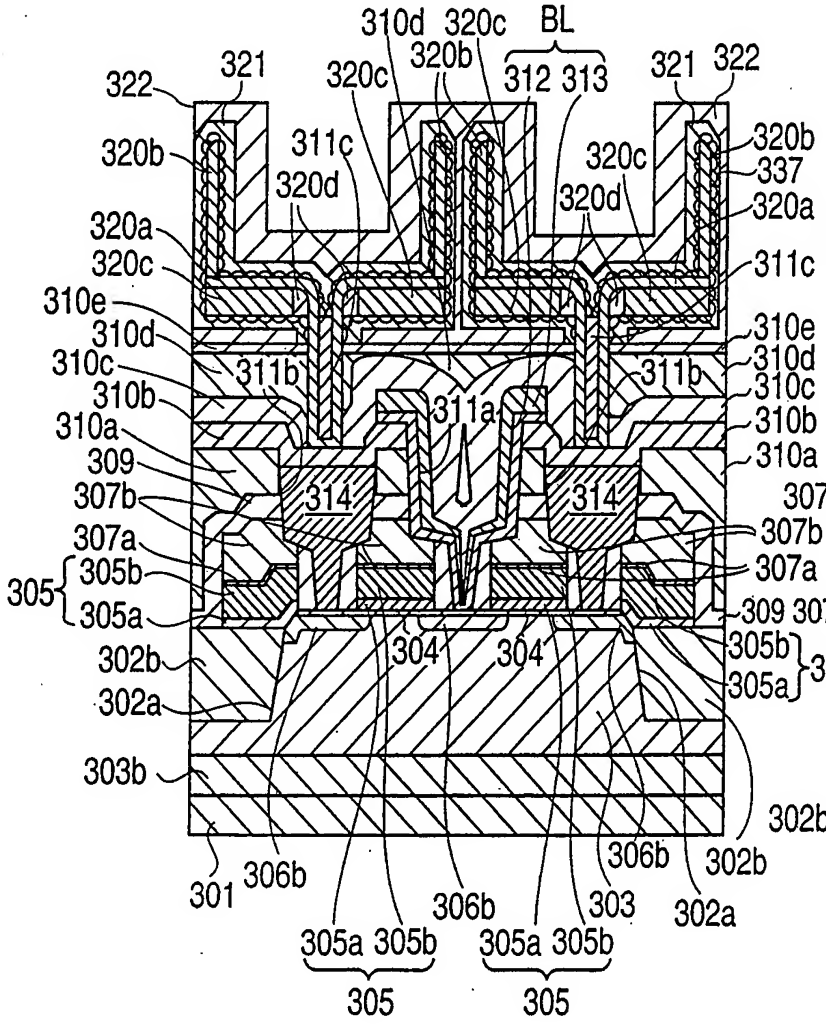

FIG. 78(b)

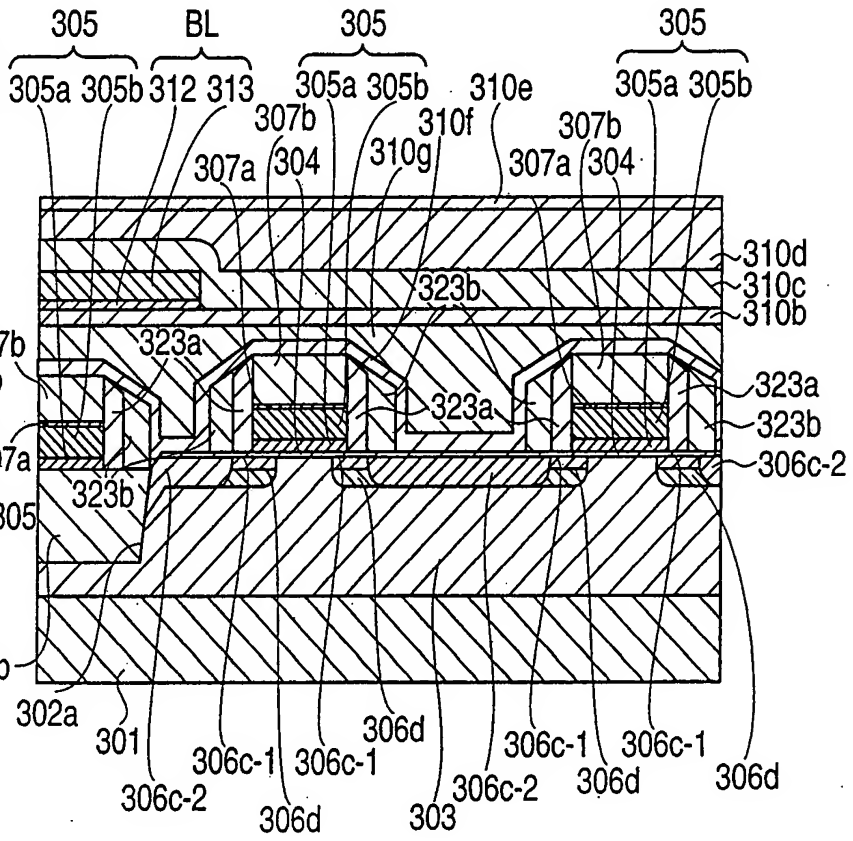

FIG. 79(a)

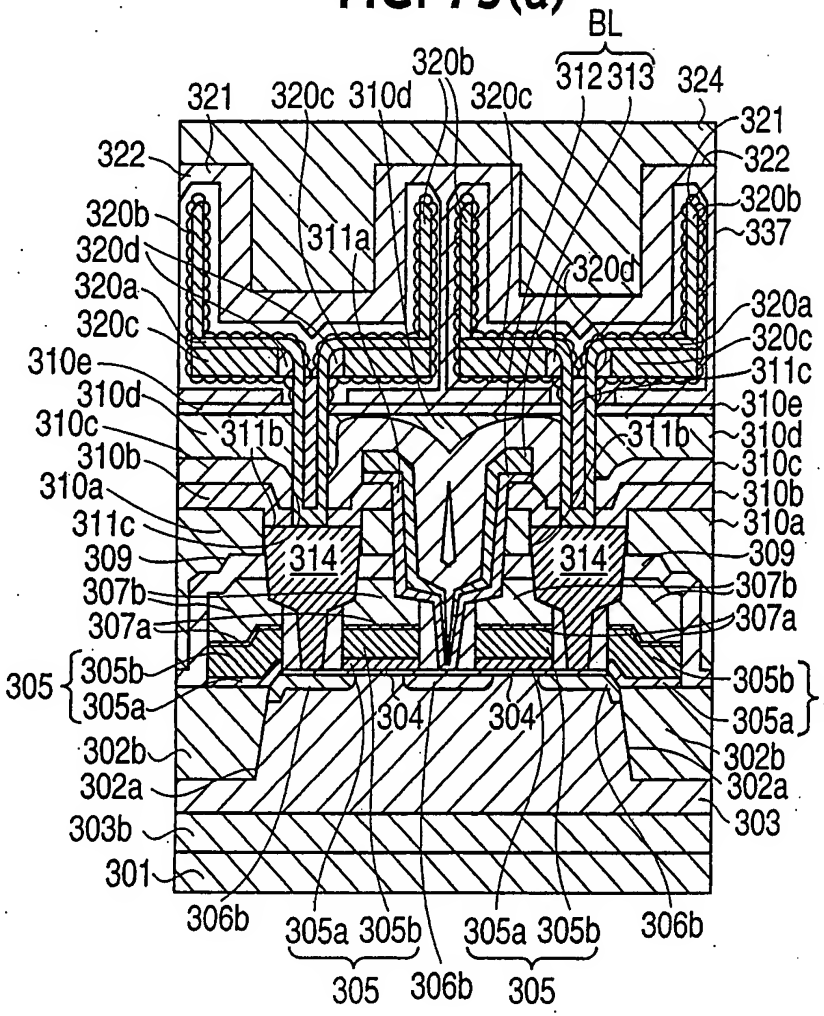

FIG. 79(b)

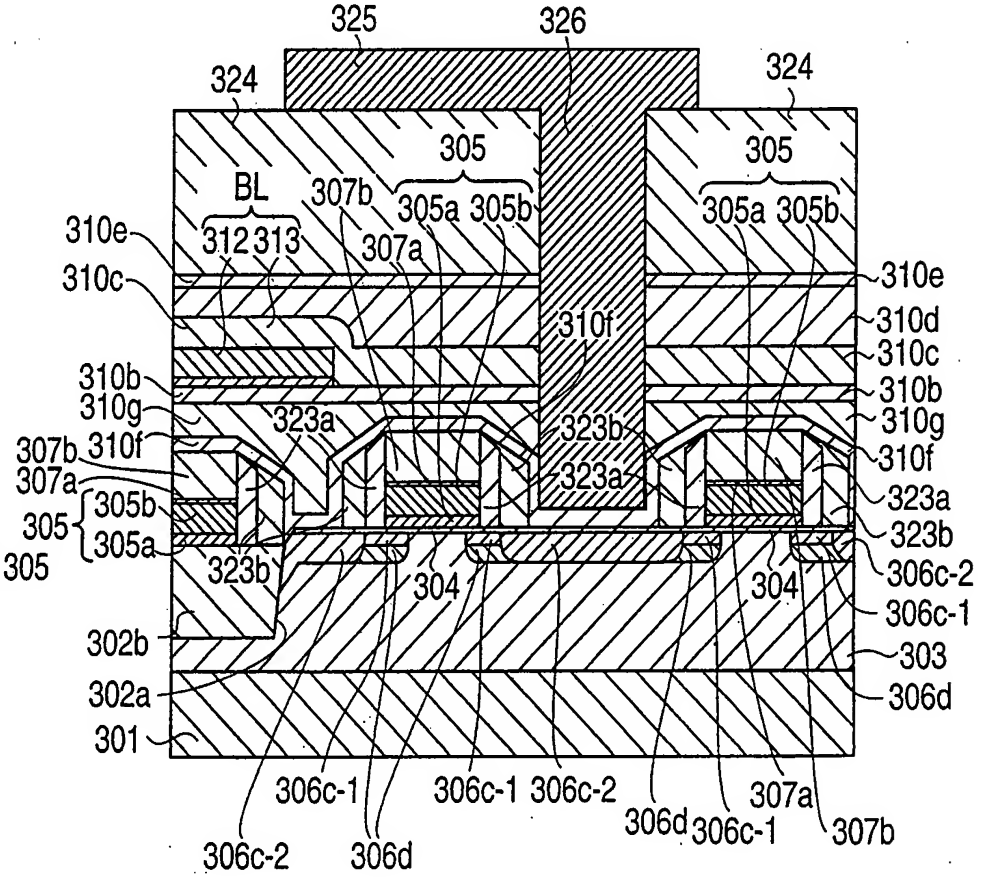

FIG. 80(a)

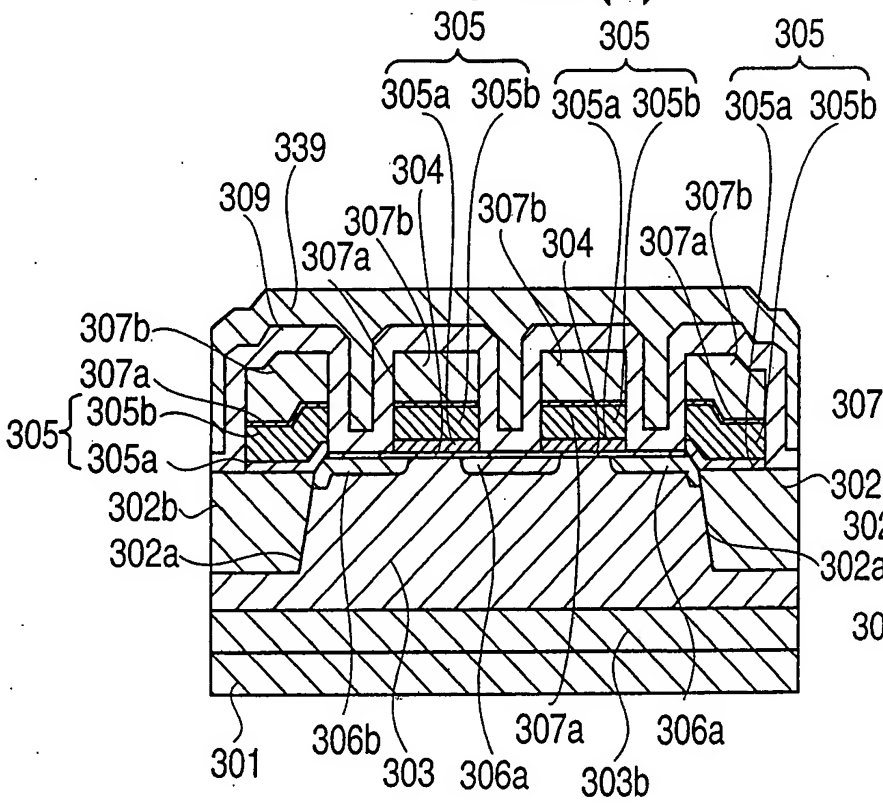

FIG. 80(b)

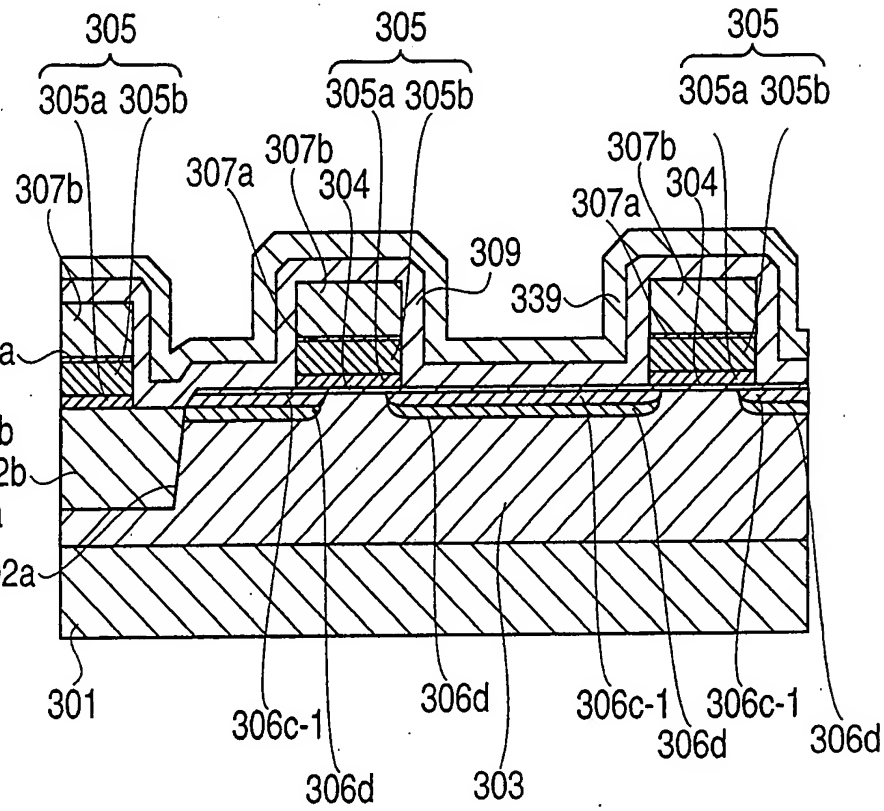

FIG. 81(a)

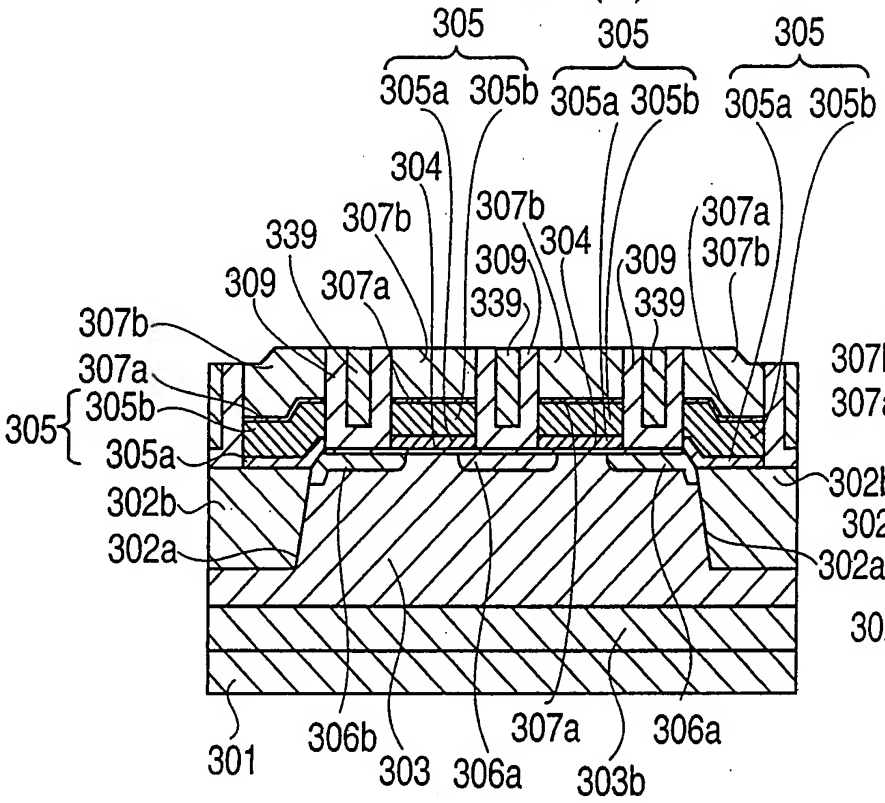

FIG. 81(b)

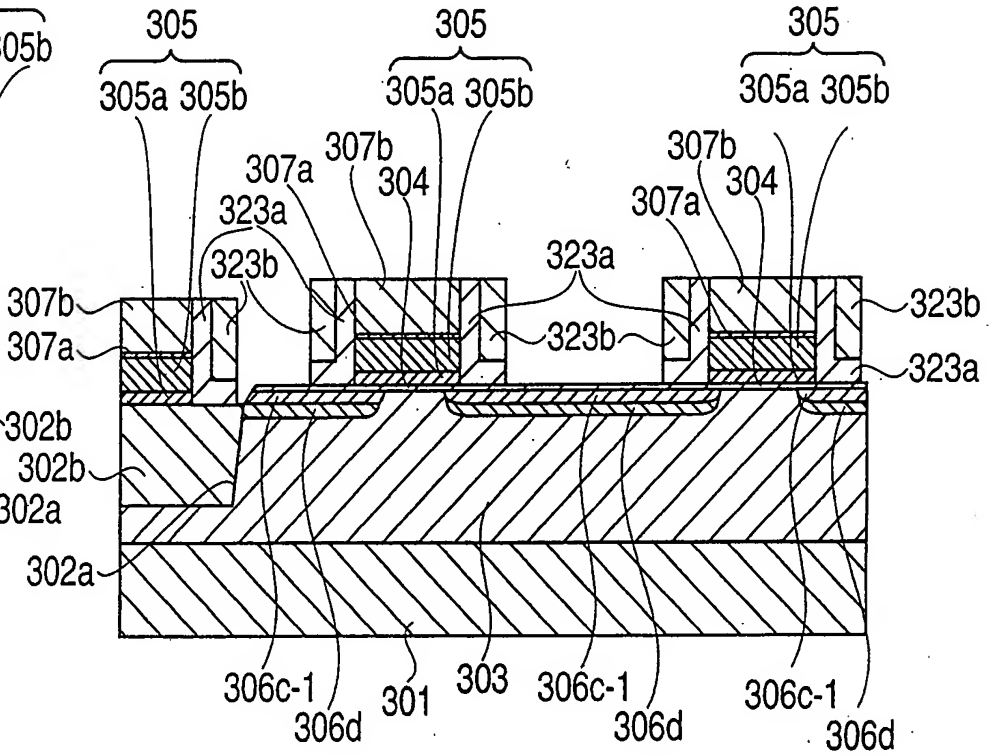

FIG. 82(a)

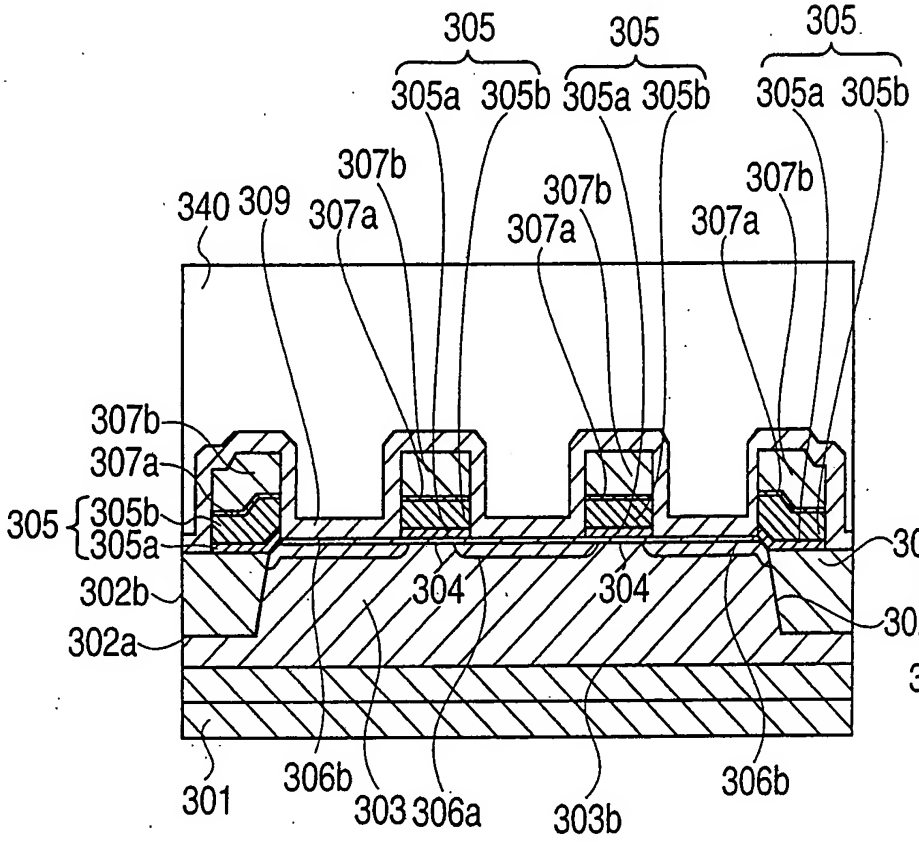

FIG. 82(b)

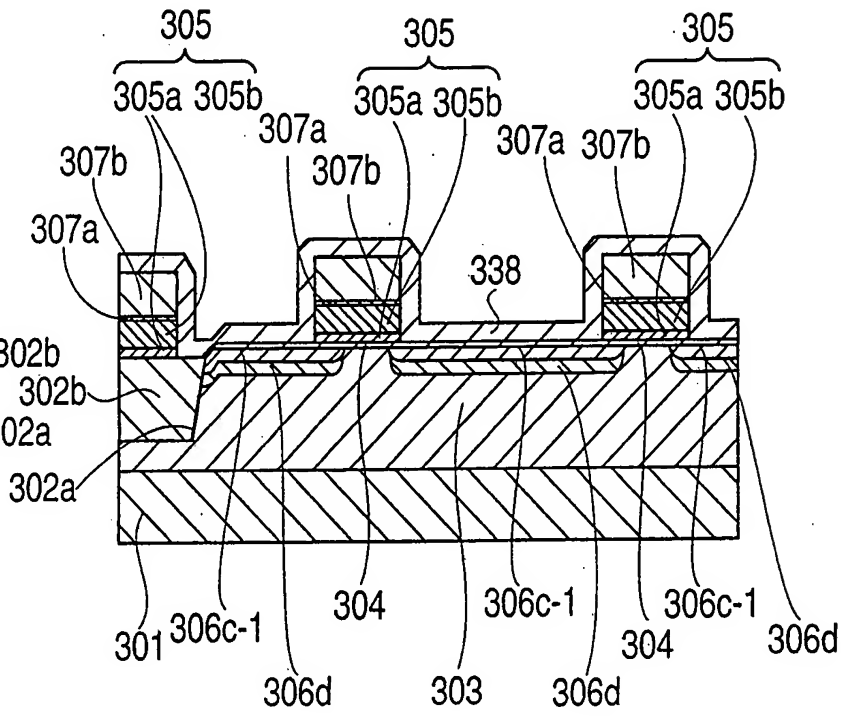

FIG. 83(a)

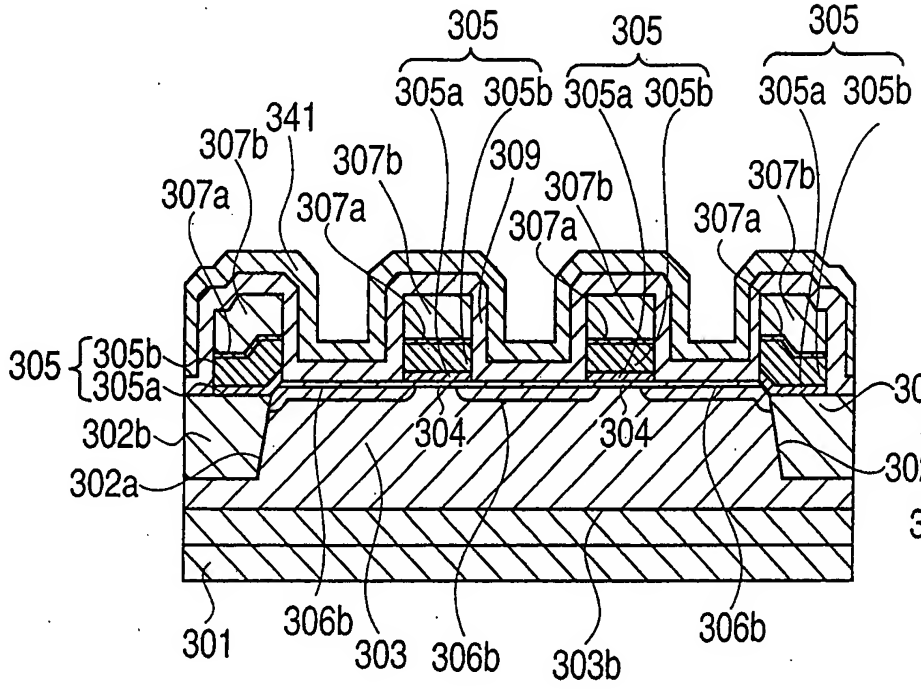

FIG. 83(b)

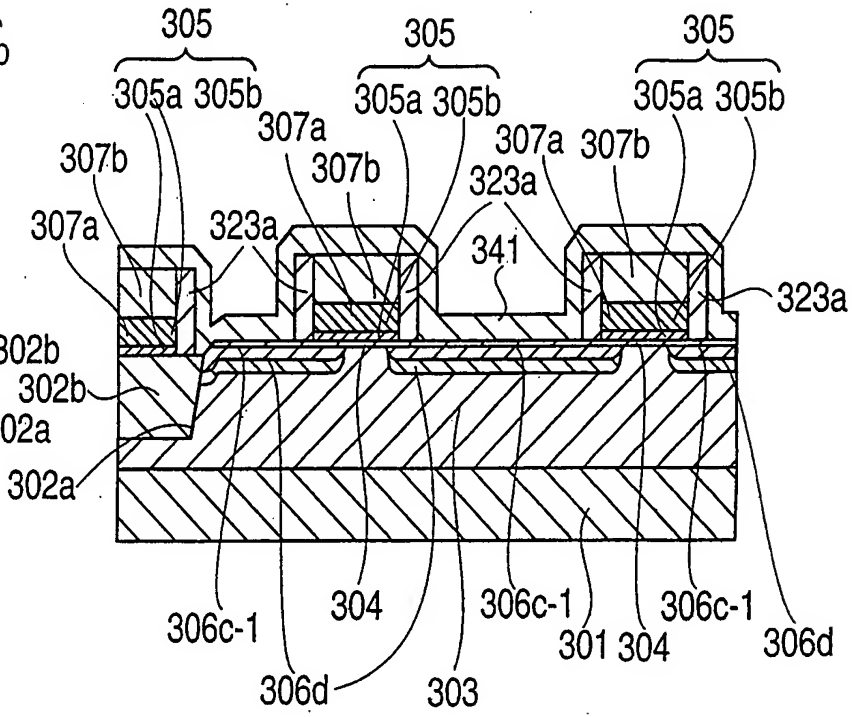

FIG. 84(a)

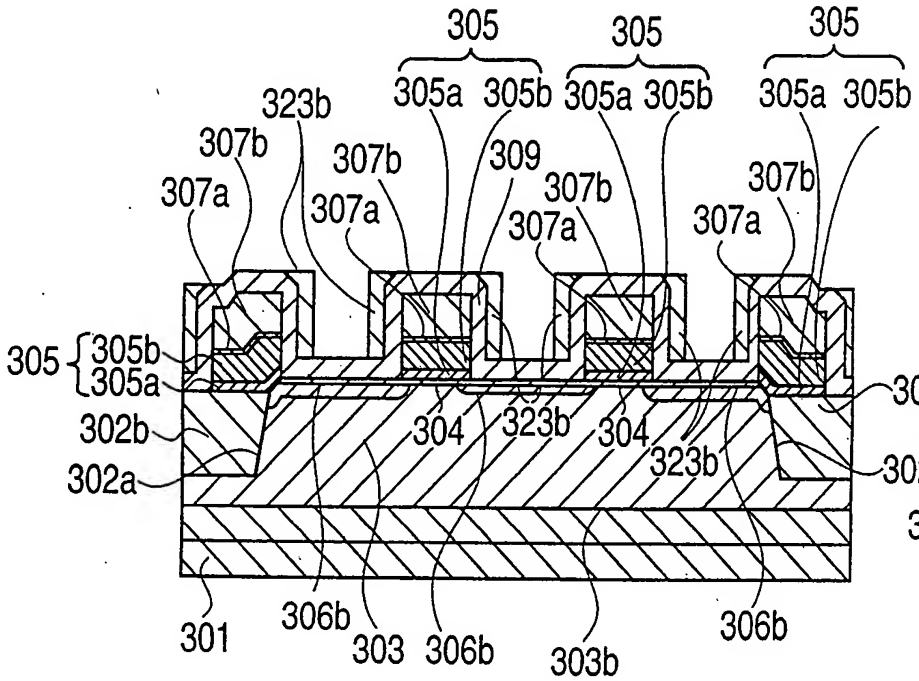

FIG. 84(b)